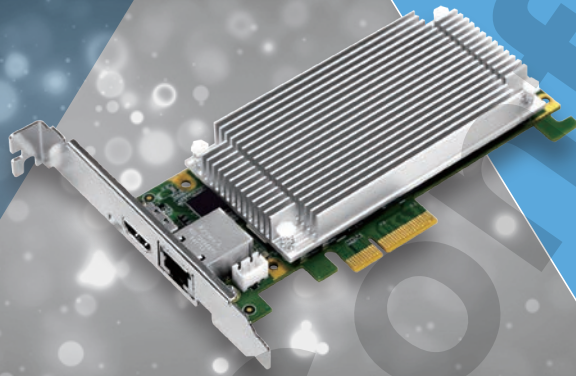


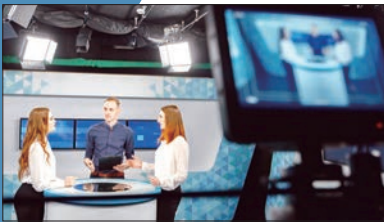
Your Vision Our Mission

AV over IP Solutions



YUAN Confidential

about YUAN



Broadcasting



Education & Developer



Healthcare



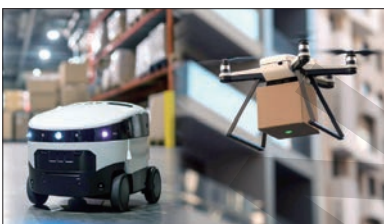
Industrial and Automation



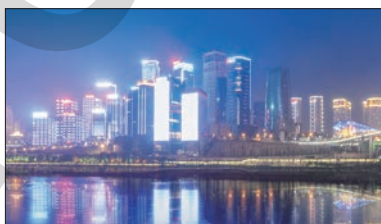
Primary Industry



Retail



Robot & Drone



Smart City



Transportation

YUAN, with headquarter in Taipei, Taiwan, is the leading force in the digital home entertainment, broadcasting, surveillance and education market, delivering an extensive range of high-quality solutions for system integrators and ODM customers. As one of the major providers to these markets, YUAN's solutions can be found within the product lines of worldwide leading ODM customers and channel partners.

For further information about YUAN, please visit the Company's web site: www.yuan.com.tw

Product Overview



SDVoE Series



Dante AV Series



NDI Series

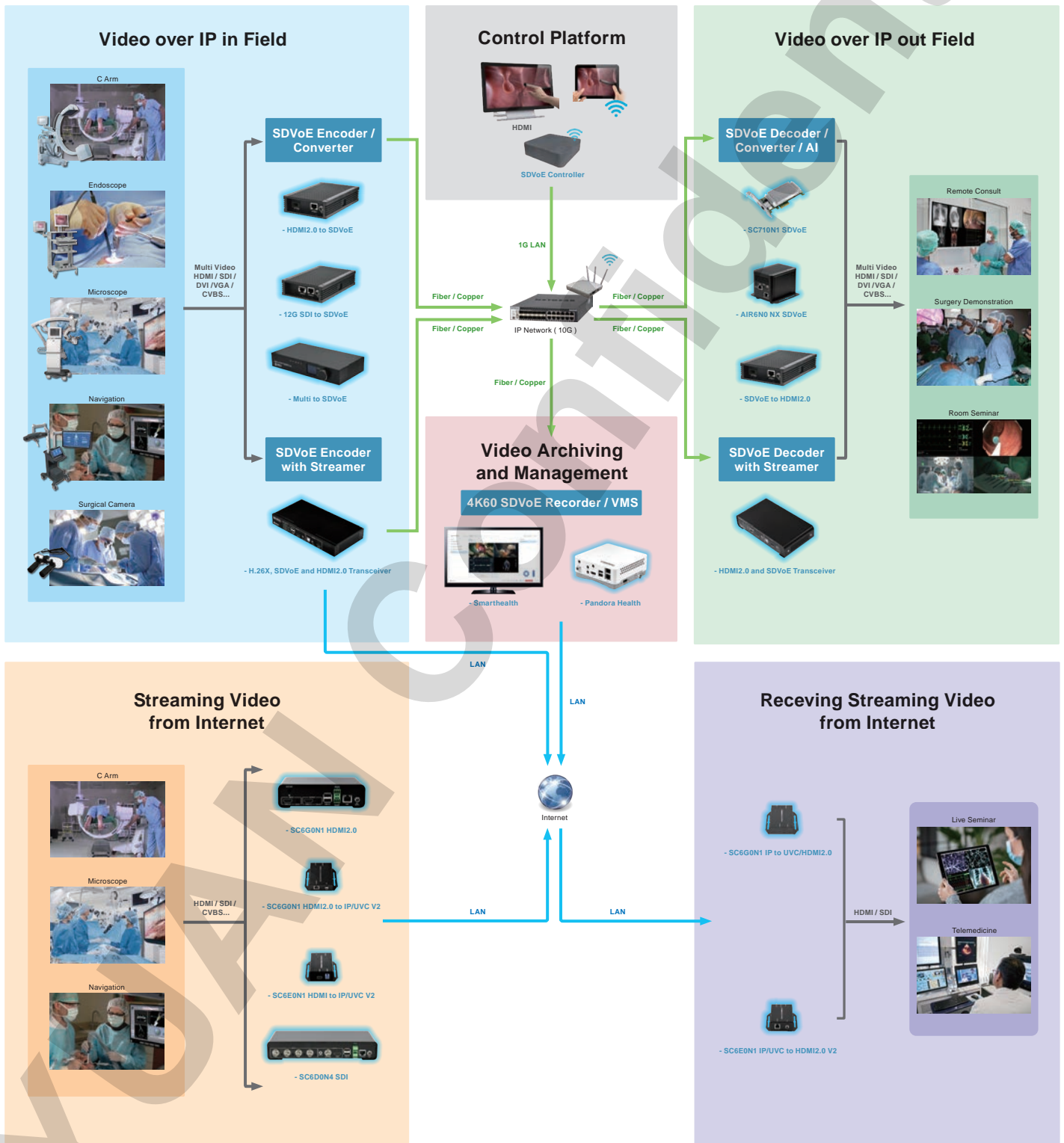


Stream / H.26X Series

YUAN

YUAN
Your vision, Our mission

AV over IP Connection Scenario



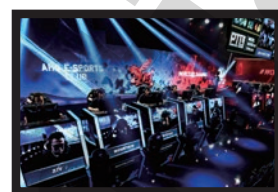
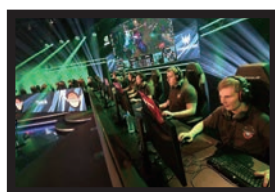
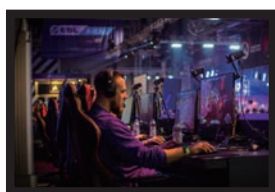
SDVoE Series

10G Uncompressed AV Transport



Zero-Latency
4K60 444 Lossless
Multi Casting Network Compatible
Video Up/Down Converter
Multi Interface Support

SDVoE Connection Scenario



Multi to SDVoE Pro 4K



Multi to SDVoE Pro 4K



Multi to SDVoE Pro 4K



Multi to SDVoE Pro 4K



SDVoE to Multi Pro 4K

SC710N1-L SDVoE

MultiView Scenario

MultiView Feature
Seamless Switch
Quad View

SDVoE to Multi Pro 4K

SDVoE to Multi Pro 4K

SDVoE to Multi Pro 4K

SDVoE to Multi Pro 4K

TV Wall Scenario

Video Wall Feature
Up to 64 Devices
Bezel Correction
Scaling
Cropping

SDVoE to Multi Pro 4K

HID Control Scenario

HID Control Feature
Seamless Switch
USB 2.0
RS232

SDVoE Series

10G Uncompressed AV Transport



Multi Input Interface

In various application scenarios, preferences for input interfaces may vary. YUAN's solution supports a wide range of interfaces, from 4K to SD, covering HDMI, DP, SDI, DVI, VGA, YPbPr, Composite, and S-Video. We are committed to assisting customers in finding the most suitable solution for their specific applications.



Complete Product Lines

YUAN offers a wide range of SDVoE solutions, including Transceiver, Receiver, Transmitter, and Capture Card. The Capture Card, in particular, features multiple PCIe and M.2 interfaces, allowing flexible application of uncompressed 4K60 images in various fields. This transceiver integrates multiple encoding schemes, providing users with the flexibility to choose the most solution for their application needs within the bandwidth range of 100Mbps to 10Gbps.



Fiber / Copper Selectable

YUAN's SDVoE solutions are compatible with both Fiber and Copper, allowing for quick integration into existing systems without the need for extensive adjustments to current connections. The V2 series and Transceiver can even simultaneously support both Copper and Fiber. Whether it's for long-distance, low-radiation Fiber or more flexible



Fanless Design

Derived from years of design experience, YUAN has successfully launched a variety of fanless, low-power SDVoE encoders and decoders that cater to your application and performance requirements in various fields. If you need to deploy a system outdoors, we also offer rugged enclosures that prioritize durability and aesthetics, enhancing the product's lifespan.

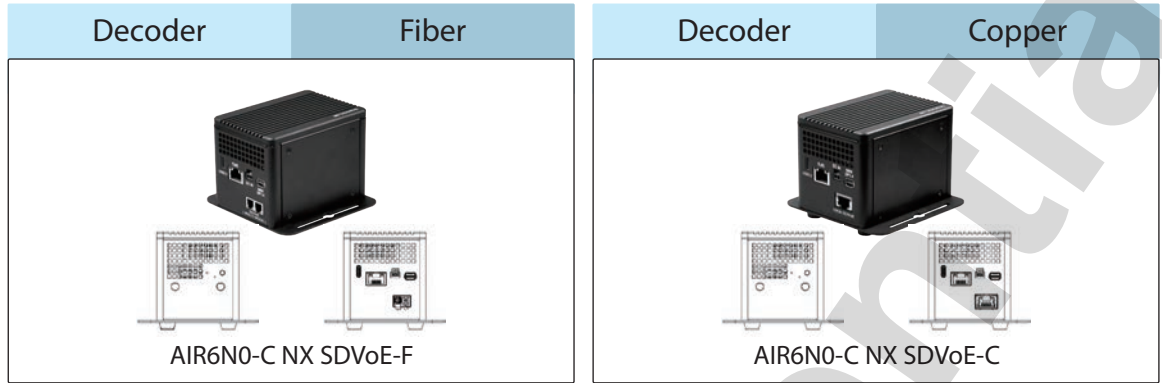


2019 SDVoE Best Awarded

SC710N1-L SDVoE is the winner of Members' Choice Awards in 2019, voted by all SDVoE Alliance® members. YUAN released the first SDVoE solution in PCIe format, allowing PC users to embrace SDVoE 4K lossless video transmission. The solution is coming in low profile and without a fan, making it a fitting choice for studios where quiet operation is a necessity.

SDVoE 4K60

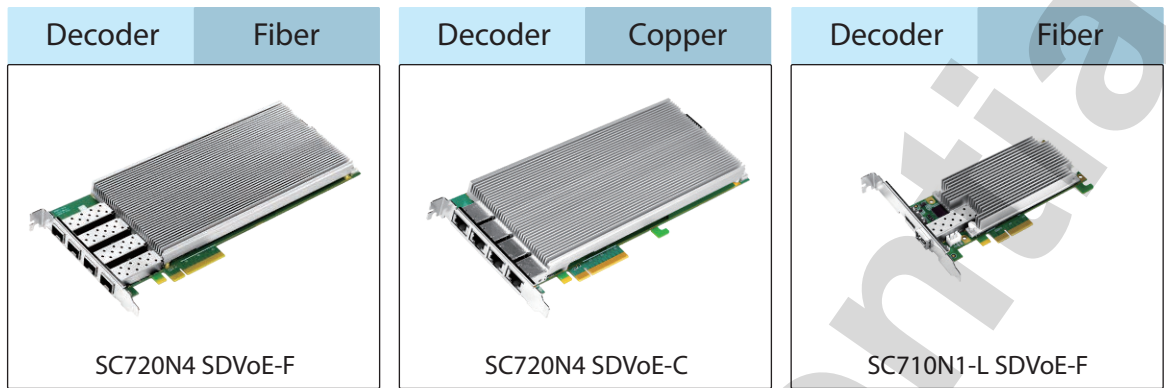
AI Platform Series






| | Decoder | Fiber | Decoder | Copper |
|---------------------------|--|-------|--|--------|
| SOM | NVIDIA Jetson Orin™ NX 16GB Super | | NVIDIA Jetson Orin™ NX 16GB Super | |
| CPU | 8-Core Arm® Cortex®-A78AE v8.2 64-Bit CPU 2MB L2 + 4MB L3 | | 8-Core Arm® Cortex®-A78AE v8.2 64-Bit CPU 2MB L2 + 4MB L3 | |
| GPU | 1024-Core NVIDIA Ampere Architecture GPU with 32 Tensor Cores | | 1024-Core NVIDIA Ampere Architecture GPU with 32 Tensor Cores | |
| AI Performance | 157 TOPS | | 157 TOPS | |
| System Memory | 16GB 128-bit LPDDR5 102.4GB/s | | 16GB 128-bit LPDDR5 102.4GB/s | |
| Interface | | | | |
| Input | 1×SFP+ for 10Gbps Ethernet (Support SDVoE and DHCP Client) | | 1×RJ45 for 10Gbps Ethernet (Support SDVoE and DHCP Client) | |
| Video Capture Resolutions | 4096×2160@60/50/30/25/24fps 3840×2160@60/50/30/25/24fps 2560×1440p@144fps 1920×1080p@240/144/120/100fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps 720×480i@60fps 720×576i@50fps More resolution supported by SDK | | 4096×2160@60/50/30/25/24fps 3840×2160@60/50/30/25/24fps 2560×1440p@144fps 1920×1080p@240/144/120/100fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps 720×480i@60fps 720×576i@50fps More resolution supported by SDK | |
| Storage | Supports External NVMe | | Supports External NVMe | |
| Display Interface | 1×Mini DP1.4 | | 1×Mini DP1.4 | |
| Ethernet | 1×RJ45 for 10/100/1000Mbps Ethernet (DHCP Client) | | 1×SFP+ for 10/100/1000Mbps Ethernet (DHCP Client) | |
| Expansion Slot | 1×M.2 2230 M Key PCIe Gen4×2 Slot (Nano: Gen3×2) 1×M.2 2230 E Key PCIe Gen4×1 Slot (Nano: Gen3×1) | | 1×M.2 2230 M Key PCIe Gen4×2 Slot (Nano: Gen3×2) 1×M.2 2230 E Key PCIe Gen4×1 Slot (Nano: Gen3×1) | |
| USB | 1×USB3.2 Gen2 (Type-C) | | 1×USB3.2 Gen2 (Type-C) | |
| MIPI | 8 MIPI CSI 2 Lanes (D-PHY 2.1, Support MIPI Camera, Capture Card) | | 8 MIPI CSI 2 Lanes (D-PHY 2.1, Support MIPI Camera, Capture Card) | |
| Misc. Features | Firmware Upgradable | | Firmware Upgradable | |
| Development Environment | | | | |
| JetPack | 6.2 or Higher | | 6.2 or Higher | |
| Environment | | | | |
| Power Supply | DC input : 1.2 ~36V | | DC input : 1.2 ~36V | |
| Power Consumption | TBA | | TBA | |
| Operating Temperature | 0~60 °C with Airflow | | 0~60 °C with Airflow | |
| Storage Temperature | -20~80 °C | | -20~80 °C | |
| Certification | CE, FCC | | CE, FCC | |

SDVoE 4K60

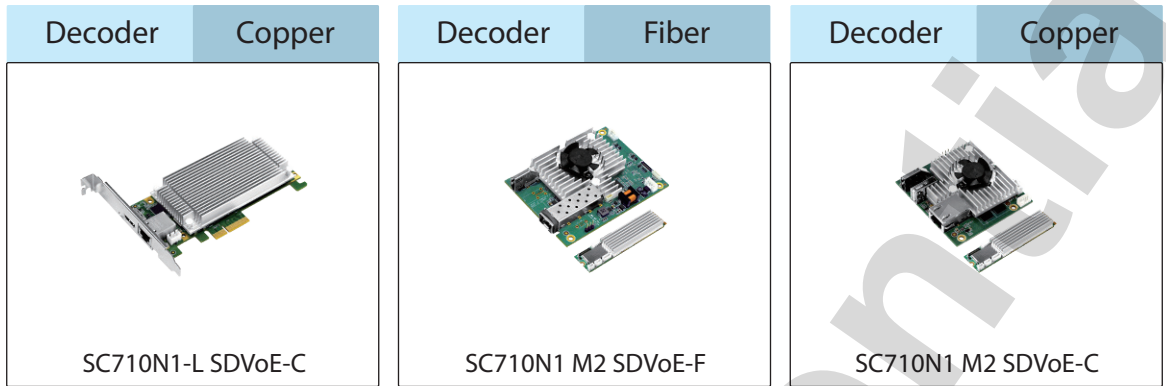
Capture Card Series



| | Decoder | Fiber | Decoder | Copper | Decoder | Fiber |
|----------------------------|---|-------|---|--------|--|-------|
| |  <p>SC720N4 SDVoE-F</p> | |  <p>SC720N4 SDVoE-C</p> | |  <p>SC710N1-L SDVoE-F</p> | |
| Max. FPS | 3840x2160p@60/50fps in → 3840x2160p@60/50fps out | | 3840x2160p@60/50fps in → 3840x2160p@60/50fps out | | 4096x2160p@60/50fps in → 4096x2160p@60/50fps out | |
| Recording Mode | Software Compression, Real-Time Mode | | Software Compression, Real-Time Mode | | Software Compression, Real-Time Mode | |
| Dimension | 259x111 (mm) PCIe Full Height | | 252x111 (mm) PCIe Full Height | | 145.4x68.9 (mm) PCIe Low Profile | |
| Interface | PCIe8 (Gen2) | | PCIe8 (Gen2) | | PCIe4 (Gen2) | |
| Video Input | 4xSFP+ (10G) | | 4xRJ45 (10G) | | 1xSFP+ (10G) (HDR Support, RGB/YUV 420/422/444 8/10bits) | |
| Video Output | N/A | | N/A | | 1xHDMI 2.0 (Loop-Through, HDR Support HDR10/HLG, RGB/YUV 420/422/444 8/10bits, 3D Support HDMI1.4B 3D specification) | |
| Display Video Format | YV12, NV12, YUY2, RGB24, RGB32, P010 | | YV12, NV12, YUY2, RGB24, RGB32, P010 | | YV12, NV12, YUY2, RGB24, RGB32, V410, Y410, P010, P210 | |
| Video RAW Data Resolution | SFP+ (10G) 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | | RJ45 (10G) 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | | 1xSFP+ (10G) 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | |
| Recording Video Format | H.264 (Software Compression) | | H.264 (Software Compression) | | H.264 (Software Compression) | |
| Recording Video Resolution | SFP+ (10G) 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | | RJ45 (10G) 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | | 1xSFP+ (10G) 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | |
| Audio Input | 4xSDVoE Embedded Audio | | 4xSDVoE Embedded Audio | | 1xSDVoE Embedded Audio | |
| Audio Output | N/A | | N/A | | 1xHDMI Embedded Audio | |
| Audio Format | Stereo / 16-bit / 32000 ~ 48000Hz | | Stereo / 16-bit / 32000 ~ 48000Hz | | Stereo / 16-bit / 32000 ~ 48000Hz | |
| SDK | Windows and Linux SDK | | Windows and Linux SDK | | Windows and Linux SDK | |
| OS Support | Windows 7/Windows 8/Windows 8.1/Windows 10 Linux 2.6.14 or Higher (32-bit and 64-bit) Linux ARM nVIDIA Jetson TX2, NANO, AGX Xavier, Xavier NX | | Windows 7/Windows 8/Windows 8.1/Windows 10 Linux 2.6.14 or Higher (32-bit and 64-bit) Linux ARM nVIDIA Jetson TX2, NANO, AGX Xavier, Xavier NX | | Windows 7/Windows 8/Windows 8.1/Windows 10 Linux 2.6.14 or Higher (32-bit and 64-bit) Linux ARM nVIDIA Jetson TX2, NANO, AGX Xavier, Xavier NX | |

SDVoE 4K60

Capture Card Series



| | | | |
|----------------------------|--|--|--|
| Max. FPS | 4096x2160p@60/50fps in → 4096x2160p@60/50fps out | 4096x2160p@60/50fps in → 4096x2160p@60/50fps out | 4096x2160p@60/50fps in → 4096x2160p@60/50fps out |
| Recording Mode | Software Compression, Real-Time Mode | Software Compression, Real-Time Mode | Software Compression, Real-Time Mode |
| Dimension | 145.4x68.9 (mm) PCIe Low Profile | 22x80 (mm) M.2 Type M + 75x70 (mm) | 22x80 (mm) M.2 Type M + 75x70 (mm) |
| Interface | PCIe x4 (Gen2) | M.2 (PCIe x4) | M.2 (PCIe x4) |
| Video Input | 1xRJ45 (10G) (HDR Support, RGB/YUV 420/422/444 8/10bits) | 1xSFP+ (10G) | 1xRJ45 (10G) |
| Video Output | 1xHDMI 2.0 (Loop-Through, HDR Support HDR10/HLG, RGB/ YUV 420/422/444 8/10bits, 3D Support HDMI1.4B 3D specification) | 1xHDMI 2.0 (Loop-Through, HDR Support HDR10/HLG, RGB/ YUV 420/422/444 8/10bits, 3D Support HDMI1.4B 3D specification) | 1xHDMI 2.0 (Loop-Through, HDR Support HDR10/HLG, RGB/ YUV 420/422/444 8/10bits, 3D Support HDMI1.4B 3D specification) |
| Display Video Format | YV12, NV12, YUY2, RGB24, RGB32, V410, Y410, P010, P210 | YV12, NV12, YUY2, RGB24, RGB32, V410, Y410, P010, P210 | YV12, NV12, YUY2, RGB24, RGB32, V410, Y410, P010, P210 |
| Video RAW Data Resolution | 1xRJ45 (10G) 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | 1xSFP+ (10G) 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | 1xRJ45 (10G) 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps |
| Recording Video Format | H.264 (Software Compression) | H.264 (Software Compression) | H.264 (Software Compression) |
| Recording Video Resolution | 1xRJ45 (10G) 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | 1xSFP+ (10G) 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | 1xRJ45 (10G) 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps |
| Audio Input | 1xSDVoE Embedded Audio | 1xSDVoE Embedded Audio A Pair of Analog Audio Connector (Through On-Board Wafer Connection) | 1xSDVoE Embedded Audio A Pair of Analog Audio Connector (Through On-Board Wafer Connection) |
| Audio Output | 1xHDMI Embedded Audio | N/A | N/A |
| Audio Format | Stereo / 16-bit / 32000 ~ 48000Hz | Stereo / 16-bit / 32000 ~ 48000Hz | Stereo / 16-bit / 32000 ~ 48000Hz |
| SDK | Windows and Linux SDK | Windows and Linux SDK | Windows and Linux SDK |
| OS Support | Windows 7/Windows 8/Windows 8.1/Windows 10 Linux 2.6.14 or Higher (32-bit and 64-bit) Linux ARM nVIDIA Jetson TX2, NANO, AGX Xavier, Xavier NX | Windows 7/Windows 8/Windows 8.1/Windows 10 Linux 2.6.14 or Higher (32-bit and 64-bit) Linux ARM nVIDIA Jetson TX2, NANO, AGX Xavier, Xavier NX | Windows 7/Windows 8/Windows 8.1/Windows 10 Linux 2.6.14 or Higher (32-bit and 64-bit) Linux ARM nVIDIA Jetson TX2, NANO, AGX Xavier, Xavier NX |

SDVoE 4K60

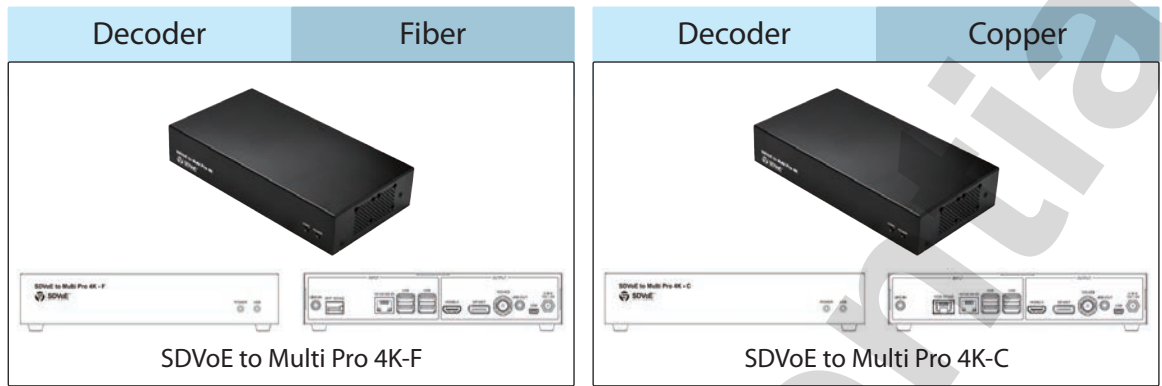
Receiver Series



| Description | SDVoE to 12G-SDI with PoE Converter | SDVoE to HDMI2.0 with PoE Converter | SDVoE to DP with PoE Converter |
|-------------------------------|--|--|--|
| Feature | PoE Supported (Supported by 10G/1G RJ45) SDVoE Fiber/Copper Transfer Mode Selectable 1 RJ45 Connectors for Control Usage 1 USB interface for PC connected (Default USB HID, USB2.0 is for Optional) Bi-Direction Audio Transfer Supported IR Transfer Supported RS232 Transfer Supported Rugged Case | PoE Supported (Supported by 10G/1G RJ45) SDVoE Fiber/Copper Transfer Mode Selectable 1 RJ45 Connectors for Control Usage 1 USB interface for PC connected (Default USB HID, USB2.0 is for Optional) Bi-Direction Audio Transfer Supported IR Transfer Supported RS232 Transfer Supported Rugged Case | PoE Supported (Supported by 10G/1G RJ45) SDVoE Fiber/Copper Transfer Mode Selectable 1 RJ45 Connectors for Control Usage 1 USB interface for PC connected (Default USB HID, USB2.0 is for Optional) Bi-Direction Audio Transfer Supported IR Transfer Supported RS232 Transfer Supported Rugged Case |
| Input Interface | Video RJ45 or SFP+×1(For SDVoE input) Audio 3.5mm Phone Jack×1 for L/R Audio | Video RJ45 or SFP+×1 (For SDVoE input) Audio 3.5mm Phone Jack×1 for L/R Audio | Video RJ45 or SFP+×1(For SDVoE input) Audio 3.5mm Phone Jack×1 for L/R Audio |
| Output Interface | Converted Video 12G-SDI×1 Audio 3.5mm Phone Jack×1 for L/R Audio | Converted Video HDMI 2.0×1 Audio 3.5mm Phone Jack×1 for L/R Audio | Converted Video DP×1 Audio 3.5mm Phone Jack×1 for L/R Audio |
| Supported Video Input Format | RJ45/SFP+ Network Packet for Video Transfer | RJ45 or SFP+ Network Packet for Video Transfer | RJ45 or SFP+ Network Packet for Video Transfer |
| Supported Video Output Format | 12G-SDI (Converted) As Input Format | HDMI2.0 (Converted) As Input Format | DP (Converted) As Input Format |
| Audio Input Format | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Audio Output Format | 12G-SDI : Up to 8 Channels, 24bit, 192KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | HDMI : Up to 8 Channels, 24bit, 192KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | DP : Up to 8 Channels, 24bit, 192KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Plug & Play | ✓ | ✓ | ✓ |
| DC In | 7.5V ~ 15V PoE PD Supported (Supported on 10G or 1G RJ45 Port) | 7.5V ~ 15V PoE PD Supported (Supported on 10G or 1G RJ45 Port) | 7.5V ~ 15V PoE PD Supported (Supported on 10G or 1G RJ45 Port) |

SDVoE 4K60

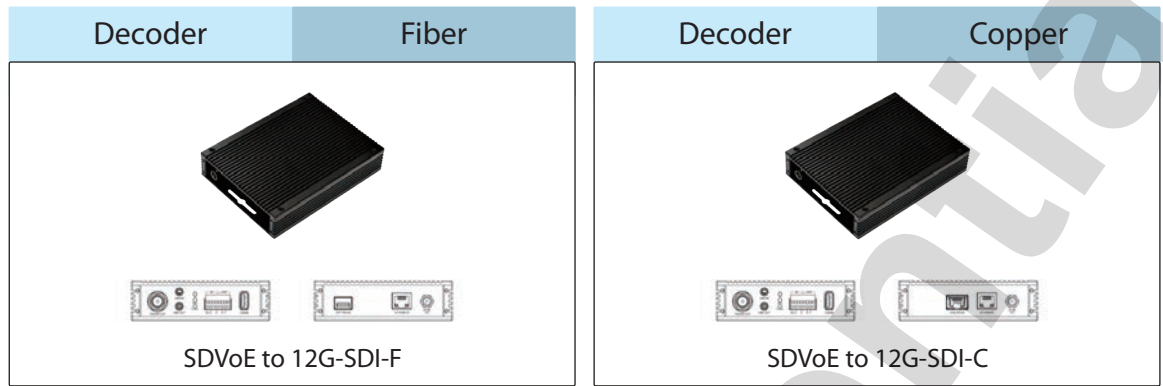
Receiver Series



| | Decoder Fiber | Decoder Copper |
|-------------------------------|--|--|
| Description | SDVoE to HDMI 2.0, DisplayPort 1.2 and 12G-SDI | SDVoE to HDMI 2.0, DisplayPort 1.2 and 12G-SDI |
| Feature | Auto Source Format Detection 4 USB interface for USB HID Devices connect 1 SFP+ Connector for SDVoE Video Usage 1 RJ45 Connector for SDVoE Control Usage | Auto Source Format Detection 4 USB interface for USB HID Devices connect 2 RJ45 Connectors for SDVoE Video and Control Usage |
| Input Interface | Video SFP+×1 (For SDVoE Input) Audio 3.5mm Phone Jack×1 for L/R Audio | Video RJ45×1 (For SDVoE Input) Audio 3.5mm Phone Jack×1 for L/R Audio |
| Output Interface | Converted Video HDMI 2.0×1 DP 1.2×1 12G-SDI×1 Audio 3.5mm Phone Jack×1 for L/R Audio | Converted Video HDMI 2.0×1 DP 1.2×1 12G-SDI×1 Audio 3.5mm Phone Jack×1 for L/R Audio |
| Supported Video Input Format | SFP+ Network Packet for Video Transfer | RJ45 Network Packet for Video Transfer |
| Supported Video Output Format | SDI (Converted, for SDI output, Please Provide Supported Resolutions as Below) 12G-SDI 4096x2160p@60/50fps 3840x2160p@60/50fps 6G-SDI 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 3G-SDI 1920x1080p@60/50fps HD-SDI 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps SD-SDI 720x480i@60fps 720x576i@50fps HDMI 2.0 / DP1.2 (Converted) As Input Format | SDI (Converted, for SDI output, Please Provide Supported Resolutions as Below) 12G-SDI 4096x2160p@60/50fps 3840x2160p@60/50fps 6G-SDI 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 3G-SDI 1920x1080p@60/50fps HD-SDI 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps SD-SDI 720x480i@60fps 720x576i@50fps HDMI 2.0 / DP1.2 (Converted) As Input Format |
| Audio Input Format | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Audio Output Format | HDMI/DP : 8 Channels, 24bit, 48KHz SDI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | HDMI/DP : 8 Channels, 24bit, 48KHz SDI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Plug & Play | ✓ | ✓ |
| DC In | 7.5V ~ 15V | 7.5V ~ 15V |

SDVoE 4K60

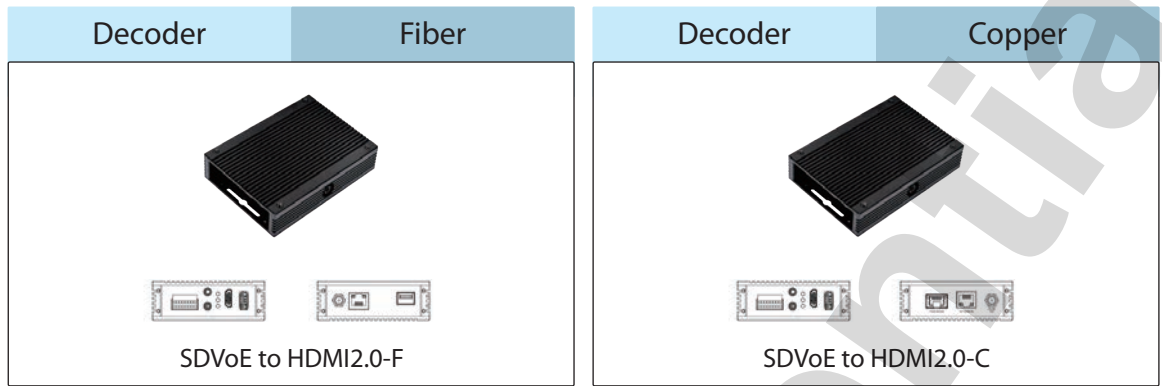
Receiver Series



| | | |
|-------------------------------|---|--|
| Description | SDVoE to 12G-SDI with Audio and USB HID Converter | SDVoE to 12G-SDI with Audio and USB HID Converter |
| Feature | <ul style="list-style-type: none"> 1 USB interface for USB Devices connect 1 SFP+ Connector for Video Usage 1 RJ45 Connector for Control Usage Rugged Case Bi-Direction Audio Transfer Supported Bi-Direction IR Transfer Supported RS232 Transfer Supported | <ul style="list-style-type: none"> 1 USB interface for USB Devices connect 2 RJ45 Connectors for Video and Control Usage Rugged Case Bi-Direction Audio Transfer Supported Bi-Direction IR Transfer Supported RS232 Transfer Supported |
| Input Interface | <p>Video SFP+×1 (For SDVoE input)</p> <p>Audio 3.5mm Phone Jack×1 for L/R Audio</p> | <p>Video RJ45×1 (For SDVoE input)</p> <p>Audio 3.5mm Phone Jack×1 for L/R Audio</p> |
| Output Interface | <p>Converted Video 12G-SDI×1</p> <p>Audio 3.5mm Phone Jack×1 for L/R Audio</p> | <p>Converted Video 12G-SDI×1</p> <p>Audio 3.5mm Phone Jack×1 for L/R Audio</p> |
| Supported Video Input Format | SFP+ Network Packet for Video Transfer | RJ45 Network Packet for Video Transfer |
| Supported Video Output Format | 12G-SDI (Converted) As Input Format | 12G-SDI (Converted) As Input Format |
| Audio Input Format | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Audio Output Format | 12G-SDI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | 12G-SDI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Plug & Play | ✓ | ✓ |
| DC In | 7.5V ~ 15V | 7.5V ~ 15V |

SDVoE 4K60

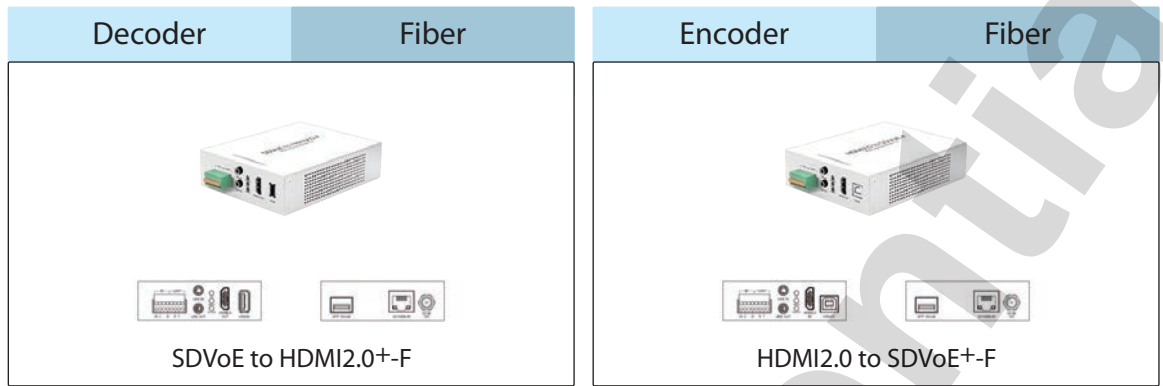
Receiver Series



| | | |
|-------------------------------|---|--|
| Description | SDVoE to HDMI 2.0 with Audio and USB HID Converter | SDVoE to HDMI 2.0 with Audio and USB HID Converter |
| Feature | <ul style="list-style-type: none"> 1 USB interface for USB Devices connect 1 SFP+ Connector for Video Usage 1 RJ45 Connector for Control Usage Rugged Case Bi-Direction Audio Transfer Supported Bi-Direction IR Transfer Supported RS232 Transfer Supported | <ul style="list-style-type: none"> 1 USB interface for USB Devices connect 2 RJ45 Connectors for Video and Control Usage Rugged Case Bi-Direction Audio Transfer Supported Bi-Direction IR Transfer Supported RS232 Transfer Supported |
| Input Interface | <p>Video SFP+×1 (For SDVoE input)</p> <p>Audio 3.5mm Phone Jack×1 for L/R Audio</p> | <p>Video RJ45×1 (For SDVoE input)</p> <p>Audio 3.5mm Phone Jack×1 for L/R Audio</p> |
| Output Interface | <p>Converted Video HDMI 2.0×1</p> <p>Audio 3.5mm Phone Jack×1 for L/R Audio</p> | <p>Converted Video HDMI 2.0×1</p> <p>Audio 3.5mm Phone Jack×1 for L/R Audio</p> |
| Supported Video Input Format | SFP+ Network Packet for Video Transfer | RJ45 Network Packet for Video Transfer |
| Supported Video Output Format | HDMI 2.0 (Converted) As Input Format | HDMI 2.0 (Converted) As Input Format |
| Audio Input Format | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Audio Output Format | HDMI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | HDMI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Plug & Play | ✓ | ✓ |
| DC In | 7.5V ~ 15V | 7.5V ~ 15V |

SDVoE 4K60

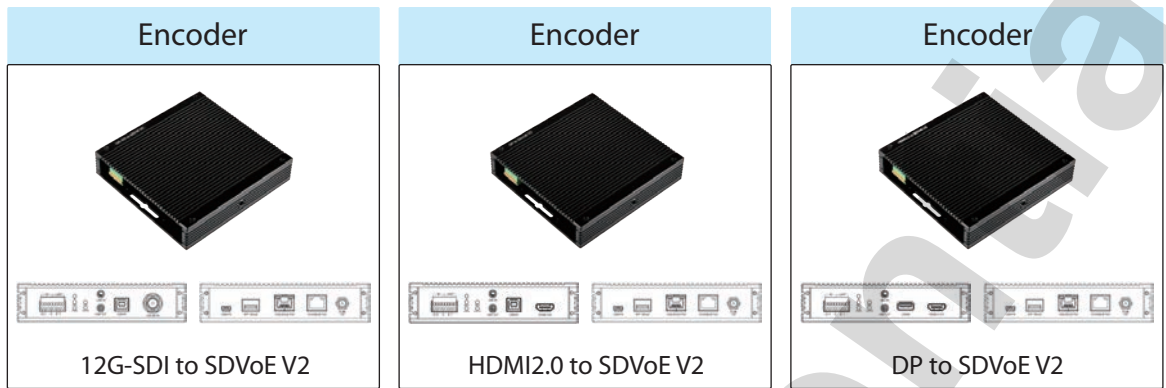
Receiver Series



| | | |
|-------------------------------|--|--|
| Description | SDVoE to HDMI 2.0 with Audio and USB2.0 Converter | HDMI2.0 to SDVoE with Audio and USB2.0 Converter |
| Feature | 1 USB interface for USB Devices connect 1 SFP+ Connector for Video Usage 1 RJ45 Connector for Control Usage Rugged Case Bi-Direction Audio Transfer Supported Bi-Direction IR Transfer Supported RS232 Transfer Supported SDVoE PIP Mode Support 4K60 | 1 USB interface for USB Devices connect 1 SFP+ Connector for Video Usage 1 RJ45 Connector for Control Usage Rugged Case Bi-Direction Audio Transfer Supported Bi-Direction IR Transfer Supported RS232 Transfer Supported SDVoE PIP Mode Support 4K60 |
| Input Interface | Video SFP+×1 (For SDVoE input) Audio 3.5mm Phone Jack×1 for L/R Audio | Video HDMI 2.0×1 Audio 3.5mm Phone Jack×1 for L/R Audio |
| Output Interface | Converted Video HDMI 2.0×1 Audio 3.5mm Phone Jack×1 for L/R Audio | Video HDMI 2.0×1 Audio 3.5mm Phone Jack×1 for L/R Audio |
| Supported Video Input Format | SFP+ Network Packet for Video Transfer | HDMI 2.0 |
| Supported Video Output Format | HDMI 2.0 (Converted) As Input Format | SFP+ (Network Packet for Video Transfer) As Input Format |
| Audio Input Format | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | HDMI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Audio Output Format | HDMI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Plug & Play | ✓ | ✓ |
| DC In | 7.5V ~ 15V PoE PD Supported (Supported on 1G RJ45 Port) | 7.5V ~ 15V PoE PD Supported (Supported on 1G RJ45 Port) |

SDVoE 4K60

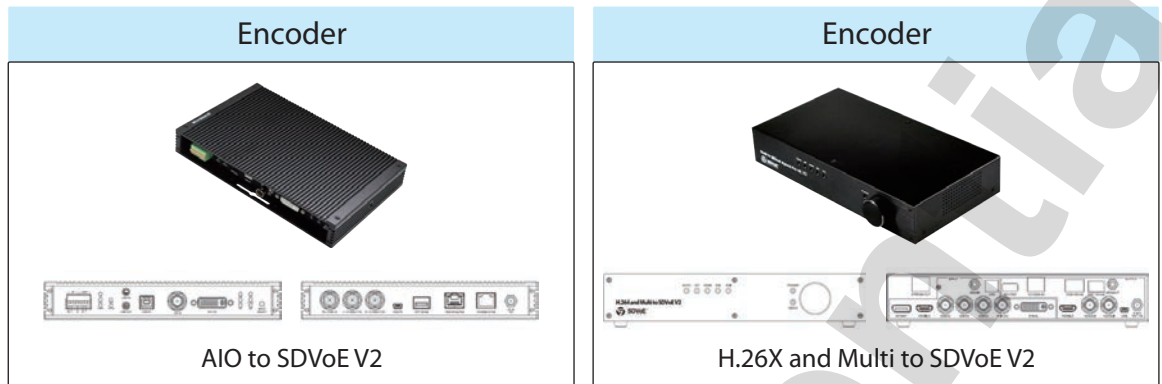
Transmitter Series



| | Encoder | Encoder | Encoder |
|-------------------------------|---|--|--|
| | 12G-SDI to SDVoE V2 | HDMI2.0 to SDVoE V2 | DP to SDVoE V2 |
| Description | 12G-SDI to SDVoE with PoE Converter | HDMI 2.0 to SDVoE with PoE Converter | DP to SDVoE with PoE Converter |
| Feature | PoE Supported (Supported by 10G/1G RJ45) SDVoE Fiber/Copper Transfer Mode Selectable 1 RJ45 Connectors for Control Usage 1 USB interface for PC connected (Default USB HID, USB2.0 is for Optional) Bi-Direction Audio Transfer Supported IR Transfer Supported RS232 Transfer Supported Rugged Case | PoE Supported (Supported by 10G/1G RJ45) SDVoE Fiber/Copper Transfer Mode Selectable 1 RJ45 Connectors for Control Usage 1 USB interface for PC connected (Default USB HID, USB2.0 is for Optional) Bi-Direction Audio Transfer Supported IR Transfer Supported RS232 Transfer Supported Rugged Case | PoE Supported (Supported by 10G/1G RJ45) SDVoE Fiber/Copper Transfer Mode Selectable 1 RJ45 Connectors for Control Usage 1 USB interface for PC connected (Default USB HID, USB2.0 is for Optional) Bi-Direction Audio Transfer Supported IR Transfer Supported RS232 Transfer Supported Rugged Case |
| Input Interface | Video 12G-SDI×1 Audio 3.5mm Phone Jack×1 for L/R Audio | Video HDMI 2.0×1 Audio 3.5mm Phone Jack×1 for L/R Audio | Video DP×1 Audio 3.5mm Phone Jack×1 for L/R Audio |
| Output Interface | Converted Video RJ45 or SFP+×1 (For SDVoE output) Audio 3.5mm Phone Jack×1 for L/R Audio | Converted Video RJ45 or SFP+×1 (For SDVoE output) Audio 3.5mm Phone Jack×1 for L/R Audio | Converted Video RJ45 or SFP+×1 (For SDVoE output) Audio 3.5mm Phone Jack×1 for L/R Audio |
| Supported Video Input Format | 12G-SDI 4096x2160p@60/50fps 3840x2160p@60/50fps 6G-SDI 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 3G-SDI 1920x1080p@60/50fps HD-SDI 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps | HDMI 2.0 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | DP 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps |
| Supported Video Output Format | RJ45/SFP+ (Converted) Network Packet for Video Transfer | RJ45 or SFP+ (Converted) Network Packet for Video Transfer | RJ45 or SFP+ (Converted) Network Packet for Video Transfer |
| Audio Input Format | 12G-SDI : Up to 8 Channels, 24bit, 192KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | HDMI : Up to 8 Channels, 24bit, 192KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | DP : Up to 8 Channels, 24bit, 192KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Audio Output Format | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Plug & Play | ✓ | ✓ | ✓ |
| DC In | 7.5V ~ 15V PoE PD Supported (Supported on 10G or 1G RJ45 Port) | 7.5V ~ 15V PoE PD Supported (Supported on 10G or 1G RJ45 Port) | 7.5V ~ 15V PoE PD Supported (Supported on 10G or 1G RJ45 Port) |

SDVoE 4K60

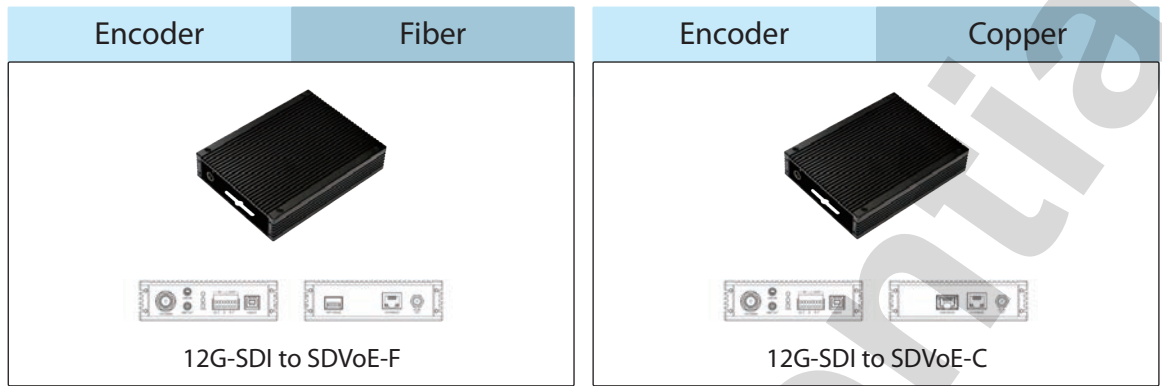
Transmitter Series



| | | | |
|-------------------------------|--|---|--|
| Description | Component / S-Video / Composite / DVI-I / SDI to SDVoE with Scaler and PoE Converter | HDMI 2.0, DisplayPort 1.2, DVI-DL, and 12G-SDI to STREAM, SDVoE and HDMI 2.0 Converter | |
| Feature | <p>Video Pass Through Mode and Scaler Mode Supported</p> <p>PoE Supported (Supported by 10G/1G RJ45)</p> <p>SDVoE Fiber/Copper Transfer Mode Selectable</p> <p>1 RJ45 Connectors for Control Usage</p> <p>1 USB interface for PC connected (Default USB HID, USB2.0 is for Optional)</p> <p>Bi-Direction Audio Transfer Supported</p> <p>IR Transfer Supported</p> <p>RS232 Transfer Supported</p> <p>Rugged Case</p> | <p>Lossless SDVoE Streaming Output</p> <p>H26x Streaming Output (Support RTMP, RTSP, SRT, TS, Full NDI and NDI-HX(*))</p> <p>DisplayPort Multi-Stream Transport (MST) / Single Stream Transport (SST) Support</p> <p>DVI Dual Link (DVI-DL) Support</p> <p>Multi-Standard Support (12G / 6G / 3G / HD / SD-SDI)</p> <p>Auto Source Format Detection</p> <p>1 USB Type B for PC Connected</p> <p>1 USB Type A for Video Record</p> <p>1 SFP+ or 1 RJ45 Connectors for SDVoE Output Selectable</p> <p>1 RJ45 Connector for Control Usage</p> <p>1 RJ45 Connector for STREAM Usage</p> | |
| Input Interface | <p>Video</p> <p>DVI-Ix1</p> <p>BNCx3 for Component / S-Video / Composite</p> <p>SDIx1</p> <p>Audio</p> <p>3.5mm Phone Jackx1 for L/R Audio</p> | <p>Video</p> <p>HDMI 2.0x1</p> <p>DP 1.2x1</p> <p>DVI-DLx1</p> <p>12G-SDIx1</p> <p>Audio</p> <p>3.5mm Phone Jackx1 for L/R Audio</p> | |
| Output Interface | <p>Converted Video</p> <p>RJ45 or SFP+ x1 (For SDVoE output)</p> <p>Audio</p> <p>3.5mm Phone Jackx1 for L/R Audio</p> | <p>Converted Video</p> <p>HDMI 2.0x1</p> <p>SFP+ x1 (For SDVoE output)</p> <p>RJ45 x1 (For SDVoE output)</p> <p>RJ45 x1 (For STREAM output)</p> <p>Audio</p> <p>3.5mm Phone Jackx1 for L/R Audio</p> | |
| Supported Video Input Format | <p>Composite/S-Video</p> <p>NTSC/PAL</p> <p>Component</p> <p>480i, 576i, 480p, 576p, 720p, 1080i, 1080p</p> <p>DVI-I</p> <p>1920x1080p@60/50fps</p> <p>1920x1080p@30/25/24fps</p> <p>1920x1080i@60/50fps</p> <p>1280x720p@60/50fps</p> <p>1280x1024p@60fps</p> <p>1280x960p@60fps</p> <p>1024x768p@60fps</p> <p>800x600p@60fps</p> <p>640x480p@60fps</p> <p>720x480p@60fps</p> <p>720x576p@50fps</p> <p>720x480i@60fps</p> <p>720x576i@50fps</p> <p>3G-SDI</p> <p>1920x1080p@60/50fps</p> <p>HD-SDI</p> <p>1920x1080p@30/25/24fps</p> <p>1920x1080i@60/50fps</p> <p>1280x720p@60/50fps</p> <p>SD-SDI</p> <p>720x480i@60fps</p> <p>720x576i@50fps</p> | <p>HDMI 2.0/DP1.2</p> <p>4096x2160p@60/50fps</p> <p>4096x2160p@30/25/24fps</p> <p>3840x2160p@60/50fps</p> <p>3840x2160p@30/25/24fps</p> <p>1920x1080p@60/50fps</p> <p>1920x1080p@30/25/24fps</p> <p>1920x1080i@60/50fps</p> <p>1280x720p@60/50fps</p> <p>1280x1024p@60fps</p> <p>1280x960p@60fps</p> <p>1024x768p@60fps</p> <p>800x600p@60fps</p> <p>640x480p@60fps</p> <p>720x480p@60fps</p> <p>720x576p@50fps</p> <p>720x480i@60fps</p> <p>720x576i@50fps</p> | <p>DVI-DL</p> <p>2560x1600p@60/50fps</p> <p>2560x1600p@30/25/24fps</p> <p>1920x1080p@60/50fps</p> <p>1920x1080p@30/25/24fps</p> <p>1920x1080i@60/50fps</p> <p>1280x720p@60/50fps</p> <p>1280x1024p@60fps</p> <p>1280x960p@60fps</p> <p>1024x768p@60fps</p> <p>800x600p@60fps</p> <p>640x480p@60fps</p> <p>720x480p@60fps</p> <p>720x576p@50fps</p> <p>720x480i@60fps</p> <p>720x576i@50fps</p> |
| Supported Video Output Format | <p>RJ45 (Converted)</p> <p>Network Packet for Video Transfer</p> | <p>HDMI (Converted)</p> <p>As Input Format</p> <p>RJ45 or SFP+ (Converted)</p> <p>Network Packet for Video Transfer (10G for SDVoE, 1G for STREAM)</p> | |
| Audio Input Format | <p>HDMI (DVI-D) : Up to 8 Channels, 24bit, 192KHz</p> <p>3.5mm Phone Jack : 2 Channels, 24bit, 48KHz</p> <p>SDI : 2 Channels, 24bit, 48KHz</p> | <p>HDMI/DP : 8 Channels, 24bit, 48KHz</p> <p>SDI : 8 Channels, 24bit, 48KHz</p> <p>3.5mm Phone Jack : 2 Channels, 24bit, 48KHz</p> | |
| Audio Output Format | <p>SDVoE : Up to 8 Channels, 24bit, 48KHz</p> <p>3.5mm Phone Jack : 2 Channels, 24bit, 48KHz</p> | <p>HDMI : 8 Channels, 24bit, 48KHz</p> <p>SDVoE : Up to 8 Channels, 24bit, 48KHz</p> <p>STREAM : Up to 2 Channels, 24bit, 48KHz</p> <p>3.5mm Phone Jack : 2 Channels, 24bit, 48KHz</p> | |
| Plug & Play | ✓ | ✓ | |
| DC In | <p>7.5V ~ 15V</p> <p>PoE PD Supported (Supported on 10G or 1G RJ45 Port)</p> | 7.5V ~ 15V | |

SDVoE 4K60

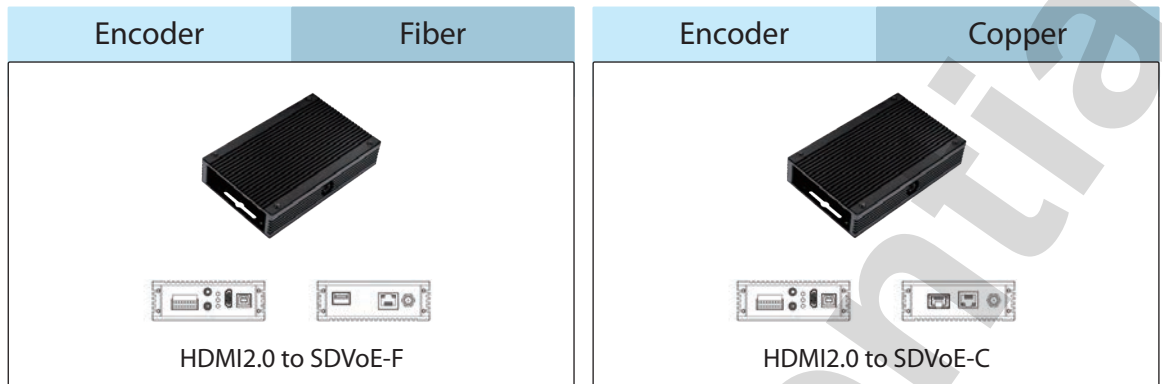
Transmitter Series



| | | |
|-------------------------------|---|--|
| Description | 12G-SDI to SDVoE with Audio and USB HID Converter | 12G-SDI to SDVoE with Audio and USB HID Converter |
| Feature | <ul style="list-style-type: none"> 1 USB interface for PC connected 1 SFP+ Connector for Video Usage 1 RJ45 Connector for Control Usage Rugged Case Bi-Direction Audio Transfer Supported IR Transfer Supported RS232 Transfer Supported | <ul style="list-style-type: none"> 1 USB interface for PC connected 2 RJ45 Connectors for Video and Control Usage Rugged Case Bi-Direction Audio Transfer Supported IR Transfer Supported RS232 Transfer Supported |
| Input Interface | <p>Video</p> <p>12G-SDI×1</p> <p>Audio</p> <p>3.5mm Phone Jack×1 for L/R Audio</p> | <p>Video</p> <p>12G-SDI×1</p> <p>Audio</p> <p>3.5mm Phone Jack×1 for L/R Audio</p> |
| Output Interface | <p>Converted Video</p> <p>SFP+×1 (For SDVoE output)</p> <p>Audio</p> <p>3.5mm Phone Jack×1 for L/R Audio</p> | <p>Converted Video</p> <p>RJ45×1 (For SDVoE output)</p> <p>Audio</p> <p>3.5mm Phone Jack×1 for L/R Audio</p> |
| Supported Video Input Format | <p>12G-SDI</p> <p>4096x2160p@60/50fps</p> <p>3840x2160p@60/50fps</p> <p>6G-SDI</p> <p>4096x2160p@30/25/24fps</p> <p>3840x2160p@30/25/24fps</p> <p>3G-SDI</p> <p>1920x1080p@60/50fps</p> <p>HD-SDI</p> <p>1920x1080p@30/25/24fps</p> <p>1920x1080i@60/50fps</p> <p>1280x720p@60/50fps</p> | <p>12G-SDI</p> <p>4096x2160p@60/50fps</p> <p>3840x2160p@60/50fps</p> <p>6G-SDI</p> <p>4096x2160p@30/25/24fps</p> <p>3840x2160p@30/25/24fps</p> <p>3G-SDI</p> <p>1920x1080p@60/50fps</p> <p>HD-SDI</p> <p>1920x1080p@30/25/24fps</p> <p>1920x1080i@60/50fps</p> <p>1280x720p@60/50fps</p> |
| Supported Video Output Format | <p>SFP+ (Converted)</p> <p>Network Packet for Video Transfer</p> | <p>RJ45 (Converted)</p> <p>Network Packet for Video Transfer</p> |
| Audio Input Format | <p>12G-SDI : 8 Channels, 24bit, 48KHz</p> <p>3.5mm Phone Jack : 2 Channels, 24bit, 48KHz</p> | <p>12G-SDI : 8 Channels, 24bit, 48KHz</p> <p>3.5mm Phone Jack : 2 Channels, 24bit, 48KHz</p> |
| Audio Output Format | <p>SDVoE : Up to 8 Channels, 24bit, 48KHz</p> <p>3.5mm Phone Jack : 2 Channels, 24bit, 48KHz</p> | <p>SDVoE : Up to 8 Channels, 24bit, 48KHz</p> <p>3.5mm Phone Jack : 2 Channels, 24bit, 48KHz</p> |
| Plug & Play | ✓ | ✓ |
| DC In | 7.5V ~ 15V | 7.5V ~ 15V |

SDVoE 4K60

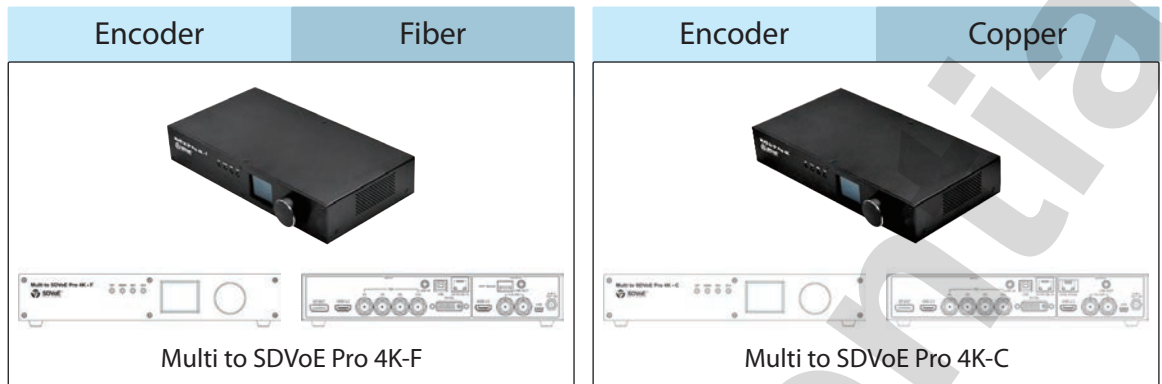
Transmitter Series



| | Encoder | Fiber | Encoder | Copper |
|-------------------------------|--|-------|--|--------|
| Description | HDMI 2.0 to SDVoE with Audio and USB HID Converter | | HDMI 2.0 to SDVoE with Audio and USB HID Converter | |
| Feature | 1 USB interface for PC connected 1 SFP+ Connector for Video Usage 1 RJ45 Connector for Control Usage Rugged Case Bi-Direction Audio Transfer Supported IR Transfer Supported RS232 Transfer Supported | | 1 USB interface for PC connected 2 RJ45 Connectors for Video and Control Usage Rugged Case Bi-Direction Audio Transfer Supported IR Transfer Supported RS232 Transfer Supported | |
| Input Interface | Video HDMI 2.0x1 Audio 3.5mm Phone Jackx1 for L/R Audio | | Video HDMI 2.0x1 Audio 3.5mm Phone Jackx1 for L/R Audio | |
| Output Interface | Converted Video SFP+ x1 (For SDVoE output) Audio 3.5mm Phone Jackx1 for L/R Audio | | Converted Video RJ45x1 (For SDVoE output) Audio 3.5mm Phone Jackx1 for L/R Audio | |
| Supported Video Input Format | HDMI 2.0 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | | HDMI 2.0 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | |
| Supported Video Output Format | SFP+ (Converted) Network Packet for Video Transfer | | RJ45 (Converted) Network Packet for Video Transfer | |
| Audio Input Format | HDMI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | | HDMI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | |
| Audio Output Format | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | | SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | |
| Plug & Play | ✓ | | ✓ | |
| DC In | 7.5V ~ 15V | | 7.5V ~ 15V | |

SDVoE 4K60

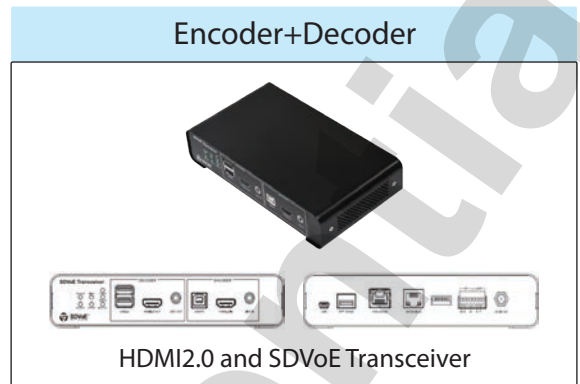
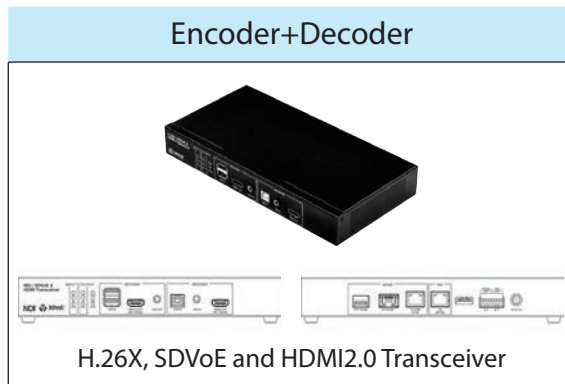
Transmitter Series



| | Encoder | Fiber | Encoder | Copper |
|-------------------------------|--|-------|---|--------|
| Description | HDMI 2.0, DisplayPort 1.2, DVI-DL, and 12G-SDI to SDVoE(SFP+), 12G-SDI and HDMI 2.0 Converter | | HDMI 2.0, DisplayPort 1.2, DVI-DL, and 12G-SDI to SDVoE, 12G-SDI and HDMI 2.0 Converter | |
| Feature | DisplayPort Multi-Stream Transport (MST) / Single Stream Transport (SST) Support DVI Dual Link (DVI-DL) Support Multi-Standard Support (12G / 6G / 3G / HD / SD-SDI) SDI support Single Link / Dual Link / Quad Link Quad-Link 2 Sample Interleave (2SI) Input Supported Auto Source Format Detection 1 USB interface for PC connected 1 SFP+ Connector for Video Usage 1 RJ45 Connector for Control Usage | | DisplayPort Multi-Stream Transport (MST) / Single Stream Transport (SST) Support DVI Dual Link (DVI-DL) Support Multi-Standard Support (12G / 6G / 3G / HD / SD-SDI) SDI support Single Link / Dual Link / Quad Link Quad-Link 2 Sample Interleave (2SI) Input Supported Auto Source Format Detection 1 USB interface for PC connected 2 RJ45 Connectors for Video and Control Usage | |
| Input Interface | Video HDMI 2.0x1 DP 1.2x1 DVI-DLx1 SDI-Single Link 12G-SDI, 6G-SDI, 3G-SDI, HD-SDI, SD-SDI SDI-Dual Link 6G-SDIx2, 3G-SDIx2 SDI-Quad Link (2-SI only) 3G-SDIx4, HD-SDIx4 Audio 3.5mm Phone Jackx1 for L/R Audio | | Video HDMI 2.0x1 DP 1.2x1 DVI-DLx1 SDI-Single Link 12G-SDI, 6G-SDI, 3G-SDI, HD-SDI, SD-SDI SDI-Dual Link 6G-SDIx2, 3G-SDIx2 SDI-Quad Link (2-SI only) 3G-SDIx4, HD-SDIx4 | |
| Output Interface | Converted Video 12G-SDIx2 HDMI 2.0x1 SFP+ x1 (For SDVoE output) Audio 3.5mm Phone Jackx1 for L/R Audio | | Converted Video 12G-SDIx2 HDMI 2.0x1 RJ45x1 (For SDVoE output) | |
| Supported Video Input Format | HDMI 2.0/DP1.2 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps DVI-DL 2560x1600p@60/50fps 2560x1600p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps | | SDI 12G-SDI (Single Link / Dual Link / Quad Link) 4096x2160p@60/50fps 3840x2160p@60/50fps 6G-SDI (Single Link / Dual Link / Quad Link) 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 3G-SDI 1920x1080p@60/50fps HD-SDI 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps SD-SDI 720x480i@60fps 720x576i@50fps | |
| Supported Video Output Format | HDMI (Converted) As Input Format SFP+ (Converted) Network Packet for Video Transfer | | SDI (Converted, for SDI output, Please Provide Supported Resolutions as Below) 12G-SDI 4096x2160p@60/50fps 3840x2160p@60/50fps 6G-SDI 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 3G-SDI 1920x1080p@60/50fps HD-SDI 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps SD-SDI 720x480i@60fps 720x576i@50fps | |
| Audio Input Format | HDMI/DP : 8 Channels, 24bit, 48KHz SDI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | | HDMI/DP : 8 Channels, 24bit, 48KHz SDI : 8 Channels, 24bit, 48KHz | |
| Audio Output Format | HDMI : 8 Channels, 24bit, 48KHz SDI : 8 Channels, 24bit, 48KHz SDVoE : Up to 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | | HDMI : 8 Channels, 24bit, 48KHz SDI : 8 Channels, 24bit, 48KHz SDVoE : Up to 8 Channels, 24bit, 48KHz | |
| Plug & Play | ✓ | | ✓ | |
| DC In | 7.5V ~ 15V | | 7.5V ~ 15V | |

SDVoE 4K60

Transceiver Series



| | | | | | |
|-------------------------------|---|--|---|--|---|
| Description | H.26X/SDVoE to H.26X/SDVoE Cross Converter | | | HDMI 2.0/SDVoE to HDMI 2.0/SDVoE Cross Converter | |
| Feature | Support Up to 4K60 SDVoE/H.26X Receive and Transfer H.26X Tx/Rx Support Full NDI, NDI Tx/Rx Support (Separate License with NDI Required) Dante AV-H (Separate License with Dante AV-H Required) SDVoE Tx/Rx Mode Selectable SDVoE Fiber/Copper Transfer Mode Selectable Auto Source Format Detection 1 USB Type B for PC Connected 2 USB Type A for PC Peripheral 1 RJ45 Connector for Control Usage RS232 Transfer Supported | | | SDVoE Tx/Rx Mode Selectable SDVoE Fiber/Copper Transfer Mode Selectable HDMI Loop Through Available Auto Source Format Detection 1 USB Type B for PC Connected 2 USB Type A for PC Peripheral 1 RJ45 Connector for Control Usage IR Transfer Supported RS232 Transfer Supported Dipswitch Feature: Copper / Fiber Selection Encoder / Decoder Selection USB 2.0 / USB PC Selection | |
| Input Interface | Video RJ45 x1 (For Stream input) Audio 3.5mm Phone Jackx1 for L/R Audio | Video RJ45(10G) or SFP+x1 (For SDVoE input) Audio 3.5mm Phone Jackx1 for L/R Audio | Video HDMI 2.0x1 Audio 3.5mm Phone Jackx1 for L/R Audio | Tx Mode Video HDMI 2.0x1 Audio 3.5mm Phone Jackx1 for L/R Audio | Rx Mode Video RJ45x1 (For SDVoE input) SFP+x1 (For SDVoE input) Audio 3.5mm Phone Jackx1 for L/R Audio RJ45x1 |
| Output Interface | Video HDMI 2.0x1 (Stream Loop) RJ45(10G) or SFP+x1 (For SDVoE output) Audio 3.5mm Phone Jackx1 for L/R Audio | Video HDMI 2.0x1 (SDVoE Loop) RJ45x1 (For Stream output) Audio 3.5mm Phone Jackx1 for L/R Audio | Video RJ45(10G) or SFP+x1 (For SDVoE output) RJ45x1 (For Stream output) Audio 3.5mm Phone Jackx1 for L/R Audio | Tx Mode Video HDMI 2.0x1 (Loop) RJ45x1 (For SDVoE output) SFP+x1 (For SDVoE output) Audio 3.5mm Phone Jackx1 for L/R Audio RJ45x1 | Rx Mode Video HDMI 2.0x1 Audio 3.5mm Phone Jackx1 for L/R Audio |
| Supported Video Input Format | RJ45 Network Packet for Video Transfer | RJ45(10G)/SFP+ Network Packet for Video Transfer | HDMI 2.0 4096x2160p@60/ 50fps 4096x2160p@30/ 25/24fps 3840x2160p@50fps 3840x2160p@30/ 25/24fps 1920x1080p@60/ 50fps 1920x1080p@30/ 25/24fps 1280x720p@60/ 50fps 1280x720p@30/ 25/24fps | Tx Mode HDMI 2.0 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | Rx Mode RJ45/SFP+ Network Packet for Video Transfer |
| Supported Video Output Format | HDMI 2.0 (Stream Loop) As Input Format RJ45(10G)/SFP+ Network Packet for Video Transfer | HDMI 2.0 (SDVoE Loop) As Input Format RJ45(10G)/SFP+ Network Packet for Video Transfer | RJ45(10G)/SFP+ Network Packet for Video Transfer RJ45(10G)/SFP+ Network Packet for Video Transfer | Tx Mode HDMI 2.0 (Loop) As Input Format RJ45/SFP+ (Converted) Network Packet for Video Transfer | Rx Mode HDMI 2.0 (Converted) 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps |
| Audio Input Format | HDMI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz SDVoE : Up to 8 Channels, 24bit, 48KHz Stream/NDI : Up to 2 Channels, 24bit, 48KHz | | | HDMI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz SDVoE : Up to 8 Channels, 24bit, 48KHz | |
| Audio Output Format | HDMI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz SDVoE : Up to 8 Channels, 24bit, 48KHz Stream/NDI : Up to 2 Channels, 24bit, 48KHz | | | HDMI : 8 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz SDVoE : Up to 8 Channels, 24bit, 48KHz | |
| Plug & Play | ✓ | | | ✓ | |
| DC In | 7.5V ~ 15V PoE PD Supported | | | 7.5V ~ 15V PoE PD Supported | |

Dante AV Series

1G/100M Dante AV Protocol Solution



Dante AV Ultra/AV-H Technology
1G Bandwidth
Low Latency
Professional Audio/Video Sync
Plug & Play Configuration
Industry Standard Solution

Dante AV™

Dante AV Series

1G/100M Dante AV Protocol Solution



Multi Input Interface

In a variety of application scenarios, preferences for input interfaces may vary. YUAN's solutions support a wide range of interfaces from 4K to SD, covering HDMI, DP, SDI, DVI, VGA, YPbPr, Composite, and S-Video. We are committed to assisting our customers in finding the most suitable solution for their specific applications.



Complete Product Lines

YUAN has always been committed to making it easy and flexible for users to set up Dante AV systems, and has therefore launched a number of product series with integrated Tx and Rx functions. Take the SC6E0 series as an example, this series of products also has a variety of signal inputs and outputs such as SDI, HDMI, etc., and supports Dante AV encoding or decoding. This allows you to build a Dante AV solution that best suits your needs in the simplest way.



Video and Audio Synchronization

Low-latency and high-quality audio transmission is a key feature of Dante AV, especially in application scenarios that require real-time audio processing. This makes Dante AV the preferred choice for live performances, music production and broadcasting, providing users with unrivalled audio and visual enjoyment.



Dante Controller & DDM

All Dante AV devices can be configured and operated via the Dante Controller, which is ready to use as soon as it is downloaded. The matrix UI design allows you to quickly grasp the status of all the devices and adjust them at any time. DDM (Dante Domain Manager) is an advanced management software that can be used to manage the network structure and group the devices to reduce the burden on the system. In addition, the system is equipped with a privilege management mechanism to protect system privacy.

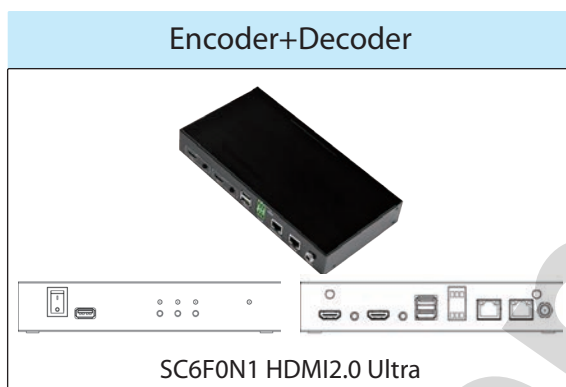


Pack and Go - PoE

The PoE feature allows devices to be powered via an RJ45 network cable without the need for an additional power supply. If you have a PoE switch, the SC6E0 series, which supports multiple interfaces, is ideal for your deployment.

Dante AV 4K60

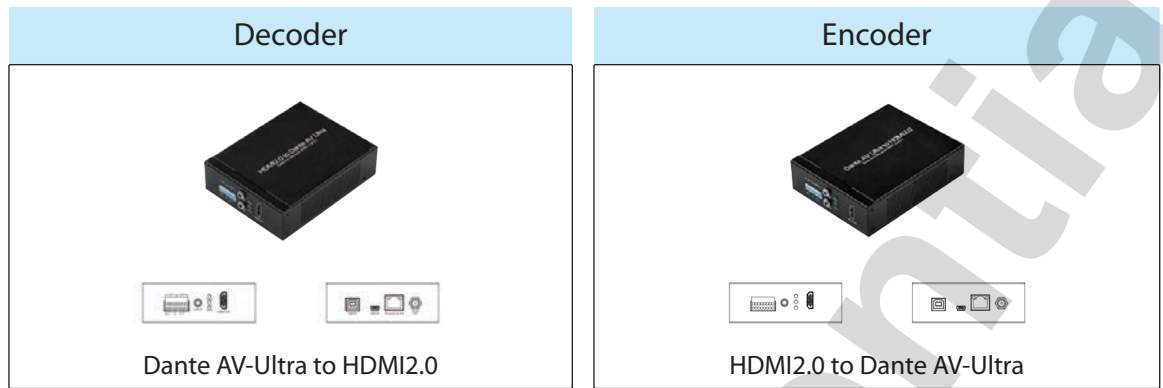
Hybrid Series
(Dante AV Ultra+AV-H)



| | |
|----------------------------|--|
| Description | Hybrid Dante AV Ultra/AV-H with Full NDI and H.26X streaming |
| Feature | Web UI for System Configuration Firmware upgradable 1×USB3.0 2×USB2.0 1×RS232 + 1×RS485 |
| Input Interface | Video 1×HDMI2.0 Audio 1×3.5mm stereo analog audio |
| Output Interface | Video 1×HDMI2.0 Audio 1×3.5mm stereo analog audio |
| Video Feature | H.265/H.264/Dante AV Ultra Hardware Compression Support resolutions 4096×2160p@60/50fps 4096×2160p@30/25/24fps 3840×2160p@60/50fps 3840×2160p@30/25/24fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1280×720p@60/50fps 1280×720p@30/25/24fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo |
| Network Feature | 2×RJ45 for 10/100/1000Mbps Ethernet (For normal and Dante AV Ultra connection) Wifi : 802.11b/g/n for Option |
| Support Streaming protocol | Dante AV Ultra, Dante AV-H* Full NDI, NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Peripheral Features | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 1×USB3.0 2×USB2.0 1×RS232 + 1×RS485 |
| Record Format | MP4 / TS / MOV |
| Power Supply | DC input : 12V / 2A Support POE input |

Dante AV 4K60

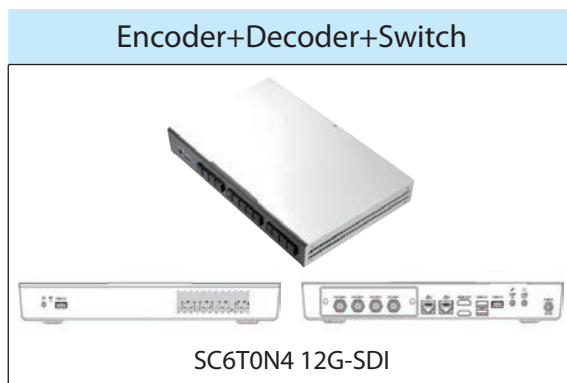
Dante AV Ultra Series



| | Decoder | Encoder |
|-------------------------------|--|--|
| Description | Dante AV Ultra to HDMI 2.0 with Audio and USB HID Converter | HDMI 2.0 to Dante AV Ultra with Audio and USB HID Converter |
| Feature | 2 USB interface for USB Devices connect Bi-Direction Audio Transfer Supported Bi-Direction IR Transfer Supported RS232 Transfer Supported | 1 USB interface for PC connected Bi-Direction Audio Transfer Supported IR Transfer Supported RS232 Transfer Supported |
| Input Interface | Video RJ45x1 (For Dante AV Ultra input) | Video HDMI 2.0x1 Audio 3.5mm Phone Jackx1 for L/R Audio |
| Output Interface | Converted Video HDMI 2.0x1 Audio 3.5mm Phone Jackx1 for L/R Audio | Converted Video RJ45x1 (For Dante AV Ultra output) |
| Supported Video Input Format | RJ45 Network Packet for Video Transfer | HDMI 2.0 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps |
| Supported Video Output Format | HDMI 2.0 (Converted) As Input Format | RJ45 (Converted) Network Packet for Video Transfer |
| Audio Input Format | Dante AV Ultra : 8 Channels, 24bit, 192KHz | HDMI : 8 Channels, 24bit, 192KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz |
| Audio Output Format | HDMI : 2 Channels, 24bit, 48KHz 3.5mm Phone Jack : 2 Channels, 24bit, 48KHz | Dante AV Ultra : 2 Channels, 24bit, 48KHz |
| Plug & Play | ✓ | ✓ |
| DC In | 7.5V ~ 15V Support POE input | 7.5V ~ 15V Support POE input |

Dante AV 4K60

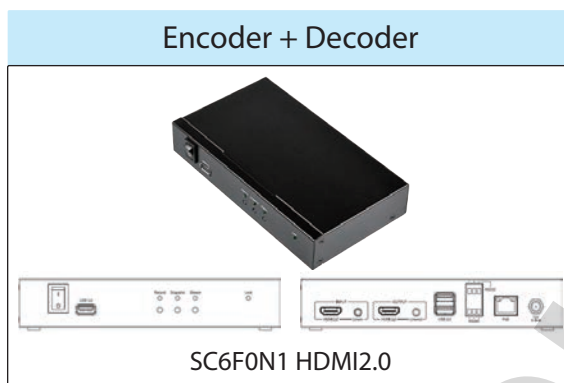
Dante AV-H Series



| | | |
|----------------------------|--|--|
| CPU | 11th Gen Intel® Core™ i7 1185G7E (2.8GHz) | 11th Gen Intel® Core™ i7 1185G7E (2.8GHz) |
| Max. FPS | 4096x2160p@60/50fps | 4096x2160p@60/50fps |
| A/V Input Interfaces | Video 4x12G-SDI Audio 4xHDMI Embedded Digital Audio (LPCM) 1x3.5mm Line/MIC in | Video 4xHDMI2.0 Audio 4xHDMI Embedded Digital Audio (LPCM) 1x3.5mm Line/MIC in |
| A/V Output Interface | Video 2xHDMI2.0 (Multiview / PGM) Audio 2xHDMI Embedded Digital Audio (LPCM) 1x3.5mm Line out | Video 2xHDMI2.0 (Multiview / PGM) Audio 2xHDMI Embedded Digital Audio (LPCM) 1x3.5mm Line out |
| Video Feature | Support Input / Output Resolutions 4096x2160p@60/50fps 3840x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | Support Input / Output Resolutions 4096x2160p@60/50fps 3840x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@30fps |
| Video Encode | Support Resolutions 4096x2160p@60/50fps 3840x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | Support Resolutions 4096x2160p@60/50fps 3840x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps |
| Audio Feature | Configurable bit Rate Range from 32Kbps to 384Kbps Sample Rate : 48KHz, 16bit, Stereo | Configurable bit Rate Range from 32Kbps to 384Kbps Sample Rate : 48KHz, 16bit, Stereo |
| Network Feature | 2xRJ45 for 10/100/1000Mbps Ethernet DHCP Client **Wifi (Option) : **802.11b/g/n **802.11ac ** Optional by Customer Request | 2xRJ45 for 10/100/1000Mbps Ethernet DHCP Client **Wifi (Option) : **802.11b/g/n **802.11ac ** Optional by Customer Request |
| 5G Support | LTE Cat20 (Option) LTE FDD Supported LTE TDD Supported Sub-6 (Option) SA Supported Non-SA Supported ** Optional by Customer Request | LTE Cat20 (Option) LTE FDD Supported LTE TDD Supported Sub-6 (Option) SA Supported Non-SA Supported ** Optional by Customer Request |
| Support Streaming Protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | Firmware Upgradable LED Indicator 2xUSB3.0 2xUSB2.0 Bluetooth Supported (Option) | Firmware Upgradable LED Indicator 2xUSB3.0 2xUSB2.0 Bluetooth Supported (Option) |
| PGM Mode Switch | PGM Mode Switch Full Screen Quadview Picture by Picture Picture in Picture PGM Loop Full Screen Switch : Channel 1~Channel 4 | PGM Mode Switch Full Screen Quadview Picture by Picture Picture in Picture PGM Loop Full Screen Switch : Channel 1 Channel 2 Channel 3 Channel 4 |
| Support Record Device | External USB3.0 HDD Internal SATA 2.5" HDD *HDD Not Included at SC6T0 | External USB3.0 HDD Internal SATA 2.5" HDD *HDD Not Included at SC6T0 |
| SDK Support | YUAN QCAP Video Capture SDK | YUAN QCAP Video Capture SDK YUAN QDEEP AI Algorithm SDK Intel® Distribution of OpenVINO™ toolkit |

Dante AV 4K60

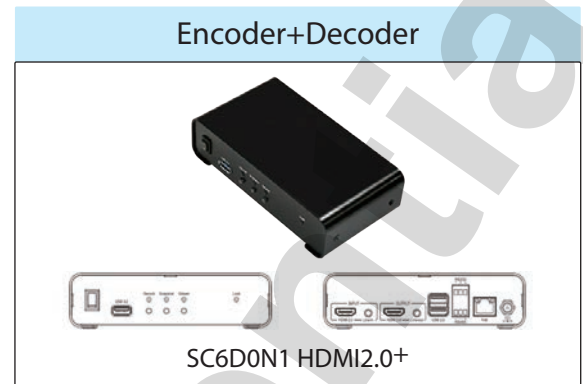
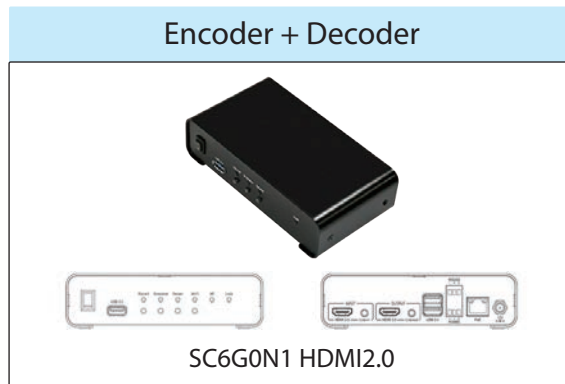
Dante AV-H Series



| | |
|----------------------------|---|
| Max. FPS | 4096x2160p@60/50fps |
| Recording Mode | Hardware Compression |
| Input Interfaces | Video 1xHDMI2.0 Audio 1x3.5mm stereo analog audio |
| Output Interface | Video 1xHDMI2.0 Audio 1x3.5mm stereo analog audio |
| Video Feature | H.265/H.264 Hardware Compression Support resolutions 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1280x720p@60/50fps 1280x720p@30/25/24fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo |
| Network Feature | 1xRJ45 for 10/100/1000Mbps Ethernet Wifi : 802.11b/g/n for Option |
| Support Streaming Protocol | Dante AV Ultra, Dante AV-H* Full NDI, NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 1xUSB3.0 2xUSB2.0 1xRS232 + 1xRS485 |
| Record Format | MP4 / TS / MOV |
| Power Supply | DC input : 12V / 2A Max power consumption: 16W Support POE input |

Dante AV 4K60

Dante AV-H Series



| | | |
|----------------------------|--|--|
| Max. FPS | 3840×2160p@60/50fps | 3840×2160p@60/50fps |
| Recording Mode | Hardware Compression | Hardware Compression |
| Input Interfaces | Video 1×HDMI2.0 Audio 1×3.5mm stereo analog audio | Video 1×HDMI2.0 Audio 1×3.5mm stereo analog audio |
| Output Interface | Video 1×HDMI2.0 Audio 1×3.5mm stereo analog audio | Video 1×HDMI2.0 Audio 1×3.5mm stereo analog audio |
| Video Feature | H.265 (HEVC) /H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840×2160p@60/50fps 3840×2160p@30/25/24fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps 720×480i@60fps 720×576i@50fps | H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840×2160p@60/50fps 3840×2160p@30/25/24fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps 720×480i@60fps 720×576i@50fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo |
| Network Feature | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP client | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP client |
| Support Streaming protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 1×USB3.0 (For external storage usage) 2×USB2.0 (For Keyboard and mouse usage) 1×RS232 + 1×RS485 | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 1×USB3.0 (For external storage usage) 2×USB2.0 (For Keyboard and mouse usage) 1×RS232 + 1×RS485 |
| Record Format | MP4 / TS / MOV | MP4 / TS / MOV |
| Power Supply | DC input : 12V / 2A Support POE input | DC input : 12V / 2A Power consuming : 19.475W maximum Estimated Support POE input |

Dante AV 4K60

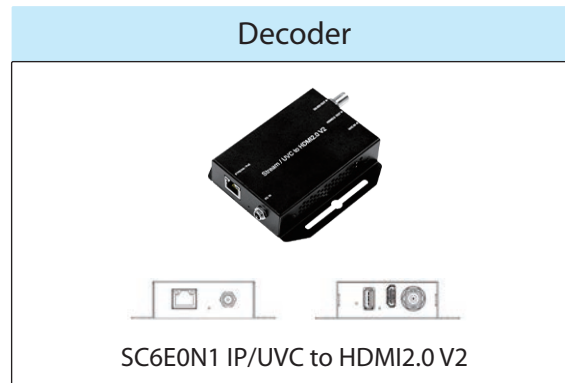
Dante AV-H Series



| | Encoder SC6G0N1 HDMI2.0 to IP/UVC V2 | Decoder SC6G0N1 IP to UVC/HDMI2.0 | Decoder SC6G0N1 IP to UVC |
|----------------------------|---|---|---|
| Max. FPS | 3840×2160p@60/50fps | 3840×2160p@60/50fps | 3840×2160p@60/50fps |
| Recording Mode | Hardware Compression | Hardware Compression | Hardware Compression |
| Input Interfaces | 1×HDMI2.0 | Video 1×RJ45 | Video 1×RJ45 |
| Output Interface | 1×RJ45 1×USB3.0 Type B (UVC) output | Video 1×HDMI2.0 1×USB3.0 Type-C (UVC) output | Video 1×USB3.0 Type-B (UVC) output |
| Video Feature | H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840 × 2160p@60/50fps 3840 × 2160p@30/25/24fps 1920 × 1080p@60/50fps 1920 × 1080p@30/25/24fps 1280 × 720p@60/50fps 1280 × 1024p@60fps 1280 × 960p@60fps 1024 × 768p@60fps 800 × 600p@60fps 640 × 480p@60fps 720 × 480p@60fps 720 × 576p@50fps | H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840×2160p@60/50fps 3840×2160p@30/25/24fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps | H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840×2160p@60/50fps 3840×2160p@30/25/24fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo |
| UVC Output | NV12 2160p30/25/24 YUY2/NV12 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 MJPEG/H.264/H.265 2160p60/50 2160p30/25/24 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 | NV12 2160p30/25/24 YUY2/NV12 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 MJPEG/H.264/H.265 2160p60/50 2160p30/25/24 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 | NV12 2160p30/25/24 YUY2/NV12 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 MJPEG/H.264/H.265 2160p60/50 2160p30/25/24 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 |
| Network Feature | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client / Static IP | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client |
| Support Streaming Protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | HDMI Embedded Audio | UVC Supported Web UI for System Configuration Firmware Upgradable | UVC Supported Web UI for System Configuration Firmware Upgradable |
| Record Format | Stereo / 16bit / 48000Hz | MP4 / TS / MOV | N/A |
| Power Supply | DC input : 12V PoE (802.3af) | DC input : 12V PoE (802.3af) | USB Bus Power |

Dante AV 4K60

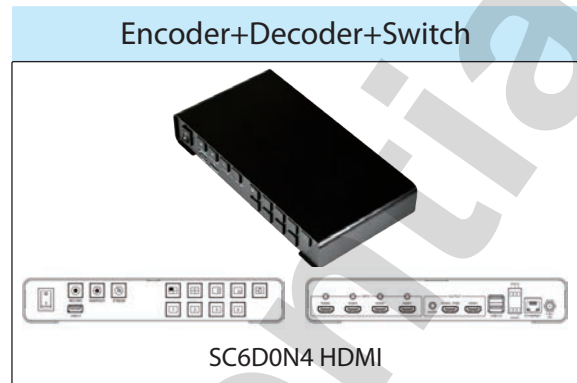
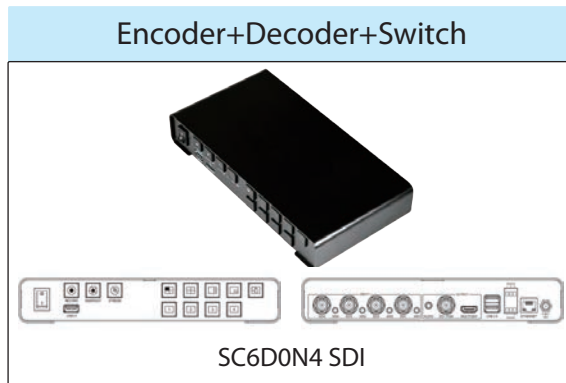
Dante AV-H Series



| | |
|----------------------------|--|
| Max. FPS | 4096x2160p@60/50fps |
| Recording Mode | Hardware Compression, Real-Time Mode |
| Input Interfaces | Video 1xRJ45 (RTSP/RTMP/HLS/TS/SRT/NDI HX/Dante AV-H Support) 1xUSB3.0 Type A (UVC) input |
| Output Interface | Video 1xHDMI2.0 1xSDI (Optional) |
| Video Feature | H.265/H.264/AVC, Baseline/Main/High Profile Supported HDMI output Resolutions 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit |
| Network Feature | 1xRJ45 for 10/100/1000Mbps Ethernet DHCP Client |
| Support Streaming Protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | Web UI for System Configuration Firmware Upgradable |
| Power Supply | DC in Support POE input |

Dante AV 1080P

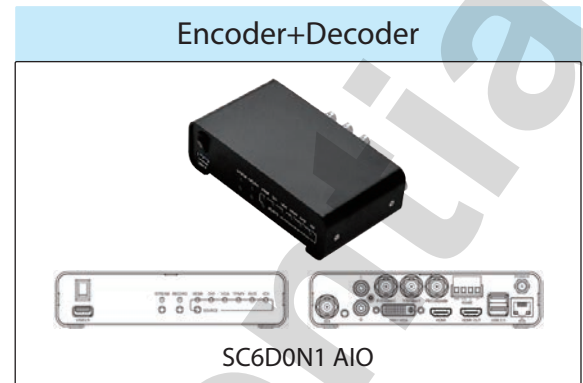
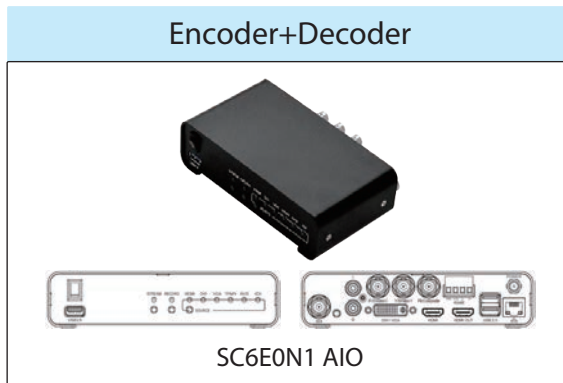
Dante AV-H Series



| | | |
|----------------------------|---|--|
| Max. FPS | 1920×1080p@300fps (4 SDI + 1 PGM Channels) | 1920×1080p@300fps (4 HDMI + 1 PGM Channels) |
| Recording Mode | Hardware Compression | Hardware Compression |
| Input Interfaces | Video 4×SDI Audio 4×3.5mm | Video 4×HDMI Audio 4×3.5mm |
| Output Interface | Video 1×HDMI (Multiview / PGM) 1×SDI (PGM) Audio 1×3.5mm | Video 1×HDMI (Multiview / PGM) 1×HDMI (PGM) Audio 1×3.5mm |
| Video Feature | H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input resolutions 1920×1080 (P60/P50/P30/P25/P24/i60/i50) 1280×720 (P60/P50) Support output resolutions Resize Range from 160×120 to 1920×1080 (P60) | H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input resolutions 1920×1080 (P60/P50/P30/P25/P24/i60/i50) 1280×720 (P60/P50), 1280×1024 (P60), 1280×960 (P60) 1024×768 (P60), 800×600 (P60), 720×480 (P60/i60) 640×480 (P60), 720×576 (P50/i50) Support output resolutions Resize Range from 160×120 to 1920×1080 (P60) |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit |
| Network Feature | 1×RJ45 for 10/100/1000Mbps Ethernet Expandable internet interface on board DHCP client | 1×RJ45 for 10/100/1000Mbps Ethernet Expandable internet interface on board DHCP client |
| Support Streaming protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | 512MB Flash 2GB Memory Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 2×USB2.0 (For Keyboard and mouse usage) 1×USB3.0 (For external storage usage) 1×RS232 + 1×RS485/RS232 Main function switch Record Snapshot Stream PGM mode switch Full screen Quadview Picture by picture Picture in picture PGM Loop Full screen switch Channel 1~Channel 4 | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 2×USB2.0 (For Keyboard and mouse usage) 1×USB3.0 (For external storage usage) 1×RS232 + 1×RS485/RS232 Main function switch Record Snapshot Stream PGM mode switch Full screen Quadview Picture by picture Picture in picture PGM Loop Full screen switch Channel 1~Channel 4 |
| Record Format | MP4 / TS / MOV | MP4 / TS / MOV |
| Power Supply | DC input : 12V / 2A Power consuming : 19.475W maximum Estimated | DC input : 12V / 2A Power consuming : 19.475W maximum Estimated |

Dante AV 1080P

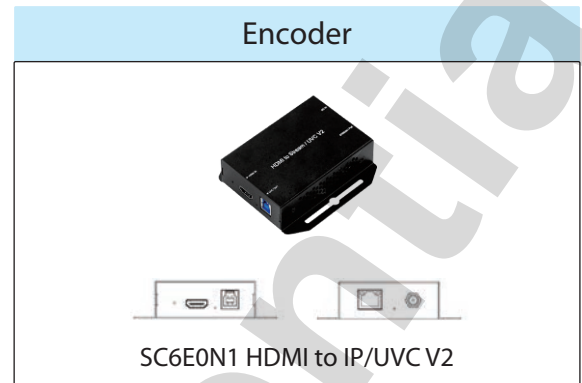
Dante AV-H Series



| | | |
|----------------------------|---|--|
| Max. FPS | 1920×1080p@60/50fps | 1920×1080p@60/50fps |
| Recording Mode | Hardware Compression, Real-Time Mode | Hardware Compression, Real-Time Mode |
| Input Interfaces | <p>Video</p> <ul style="list-style-type: none"> 1×BNC for 3G/HD/SD-SDI 3×BNC for YPbPr/CVBS/S-Video 1×DVI-I for DVI-D/HDMI and DVI-A/VGA 1×HDMI <p>Audio</p> <ul style="list-style-type: none"> 2×RCA for Analog L/R Audio SDI/HDMI/DVI-D Embedded Audio 1×3.5 mm Phone Jack | <p>Video</p> <ul style="list-style-type: none"> 1×BNC for 3G/HD/SD-SDI 3×BNC for YPbPr 1×DVI-I for DVI-D/HDMI and DVI-A/VGA 1×HDMI <p>Audio</p> <ul style="list-style-type: none"> 1×RCA for Analog L/R Audio SDI/HDMI/DVI-D Embedded Audio 1×3.5 mm Phone Jack |
| Output Interface | <p>Video</p> <ul style="list-style-type: none"> 1×HDMI | <p>Video</p> <ul style="list-style-type: none"> 1×HDMI |
| Video Feature | <p>H.265/H.264/AVC, Baseline/Main/High Profile</p> <p>Support input / output resolutions</p> <ul style="list-style-type: none"> 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps 720×480i@60fps 720×576i@50fps | <p>H.264/H.265/AVC, Baseline/Main/High Profile</p> <p>Configurable Bit Rate Up to 64Mbps (for each stream)</p> <p>Supported Resolutions</p> <p>Input</p> <ul style="list-style-type: none"> 1920×1080 (P60/P50/P30/P25/P24/i60/i50) 1280×720 (P60/P50), 1280×1024 (P60), 1280×960 (P60) 1024×768 (P60), 800×600 (P60), 720×480 (P60/i60) 640×480 (P60), 720×576 (P50/i50) <p>Output</p> <ul style="list-style-type: none"> Resize Range from 320×240 to 3840×2160 (P30) *Output Include Down Scaling |
| Audio Feature | <p>Input Audio Stream :</p> <ul style="list-style-type: none"> AAC | <ul style="list-style-type: none"> AAC-LC Configurable Bit Rate Range from 32Kbps to 384Kbps Sample Rate : 48KHz, 16Bit |
| Network Feature | <ul style="list-style-type: none"> 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client | <ul style="list-style-type: none"> 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client |
| Support Streaming protocol | <ul style="list-style-type: none"> Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | <ul style="list-style-type: none"> Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | <ul style="list-style-type: none"> RS485 1×USB 3.0 Host for USB Storage 2×USB 2.0 (For Keyboard and mouse usage) Web UI for System Configuration Firmware Upgradable LED Indicator | <ul style="list-style-type: none"> Dynamic Parameter Setting RS485 1×USB 3.0 Host for USB Storage Web UI for System Configuration Firmware Upgradable LED Indicator PGM mode switch Full screen Picture by picture (Selectable CH1: SDI, CH2: YPbPr/DVI-I/HDMI) Picture in picture (Selectable CH1: SDI, CH2: YPbPr/DVI-I/HDMI) |
| Power Supply | DC input : 12V / 2A | DC input : 12V / 2A |

Dante AV 1080P

Dante AV-H Series



| | | |
|----------------------------|--|---|
| Max. FPS | 1920x1080p@60/50fps | 1920x1080p@60/50fps |
| Recording Mode | Hardware Compression, Real-Time Mode | Hardware Compression, Real-Time Mode |
| Input Interfaces | Video 1xHDMI 1xSDI Audio 1x3.5 mm Phone Jack | Video 1xHDMI |
| Output Interface | Video 1xHDMI 2.0 (PGM) 1xHDMI (Loop through) 1xSDI (Loop through) Audio 1x3.5 mm Phone Jack | Video 1xRJ45 (RTSP/RTMP/HLS/TS/SRT/NDI HX/Dante AV-H Support) 1xUSB3.0 Type B (UVC) output |
| Video Feature | H.265/H.264/AVC, Baseline/Main/High Profile Support input / output resolutions 3840x2160p@60/50fps (Output only) 3840x2160p@30/25/24fps (Output only) 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | H.265/H.264/AVC, Baseline/Main/High Profile Supported HDMI input Resolutions 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps |
| Audio Feature | Input Audio Stream: AAC | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit |
| Network Feature | 1xRJ45 for 10/100/1000Mbps Ethernet DHCP Client | 1xRJ45 for 10/100/1000Mbps Ethernet DHCP Client |
| Support Streaming protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | 1xUSB 3.0 Host for USB Storage 2xUSB 2.0 (For Keyboard and mouse usage) Web UI for System Configuration Firmware Upgradable LED Indicator | Web UI for System Configuration Firmware Upgradable |
| Power Supply | DC input : 12V / 2A | DC input : 12V / 2A Support POE input |

NDI Series

1G/100M NDI & Multi-Protocol Streaming



1G Bandwidth

Low Latency Streaming

Full NDI|HX Compatibility

Plug & Play Configuration

Industry Standard for Broadcast & Production

NDI Series

1G/100M NDI & Multi-Protocol Streaming



Multi Input Interface

In a variety of applications, preferences for input interfaces may vary, and YUAN's solutions support a wide range of interfaces, from 4K to SD, including HDMI, DP, SDI, DVI, VGA, YPbPr, Composite, S-Video. From 4K to SD covering HDMI, DP, SDI, DVI, VGA, YPbPr, Composite, S-Video, we are committed to assisting our customers in finding the most suitable solution for their specific application.



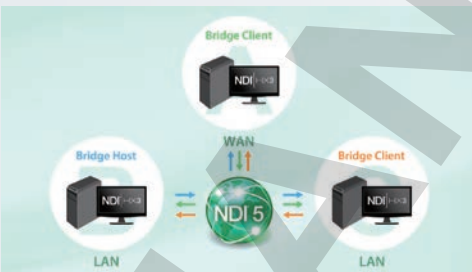
Complete Product Lines

YUAN has always been committed to making it easy and flexible for users to set up NDI systems, and has therefore launched a number of product series with integrated Tx and Rx functions. Take the SC6E0 series as an example, this series of products has multiple signal input / output functions such as SDI, HDMI, etc., and supports NDI encoding and decoding. This helps you to build an NDI solution that meets your needs in the simplest way.



Low Latency

Full NDI can transmit light compressed HD video with less than 50ms latency, especially in 4K60 resolution, which is suitable for professional users who are more strict about video presentation. NDI|HX can also reach latency of less than 100ms and bandwidth of only 60Mbps, which can satisfy the needs of general users such as video conferencing and live streaming.



NDI 5

YUAN's SC6F0 series supports not only Full NDI, but also NDI|HX3 / 2. With the advantage of low latency and high quality transmission, this series also adds the function of cross-domain connection. This not only enhances the interoperability between NDI devices, but also allows users to share video and audio more flexibly and quickly, and builds a more complete NDI system ecosystem.

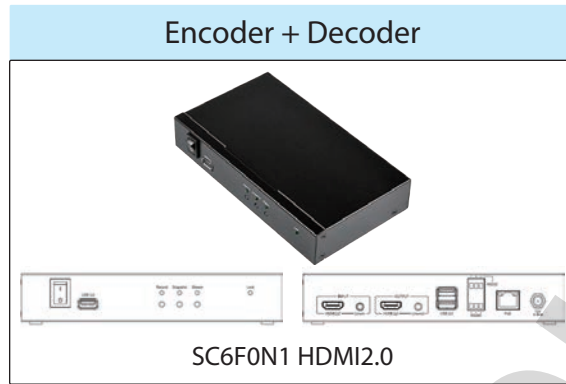


Pack and Go - PoE

The PoE feature allows devices to be powered via an RJ45 network cable, eliminating the need for an additional power supply. If you have a PoE switch, the SC6F0 series, which supports 4K60 codecs and Full NDI technology, is ideal for your deployment.

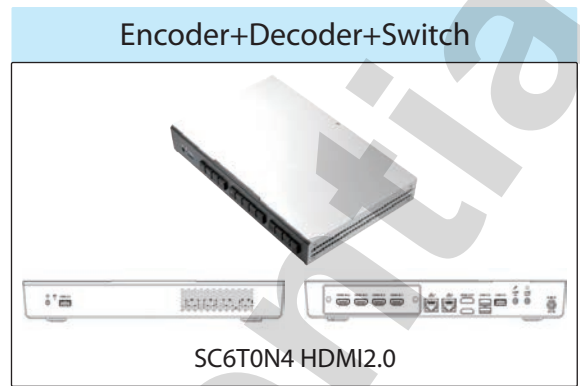
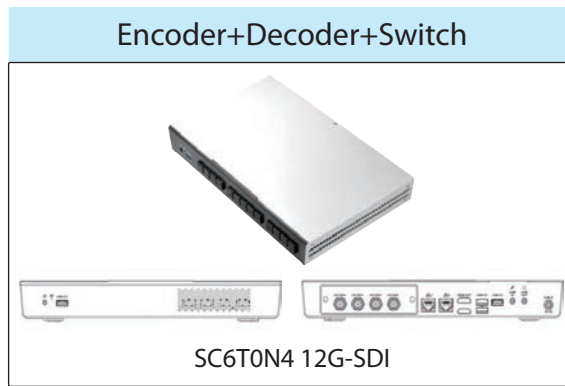
NDI 4K60

Hybrid (Full NDI+NDI|HX) / Full NDI Series



| | |
|----------------------------|---|
| Max. FPS | 4096x2160p@60/50fps |
| Recording Mode | Hardware Compression |
| Input Interfaces | Video 1xHDMI2.0 Audio 1x3.5mm stereo analog audio |
| Output Interface | Video 1xHDMI2.0 Audio 1x3.5mm stereo analog audio |
| Video Feature | H.265/H.264 Hardware Compression Support resolutions 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1280x720p@60/50fps 1280x720p@30/25/24fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo |
| Network Feature | 1xRJ45 for 10/100/1000Mbps Ethernet Wifi : 802.11b/g/n for Option |
| Support Streaming Protocol | Dante AV Ultra, Dante AV-H* Full NDI, NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 1xUSB3.0 2xUSB2.0 1xRS232 + 1xRS485 |
| Record Format | MP4 / TS / MOV |
| Power Supply | DC input : 12V / 2A Max power consumption: 16W Support POE input |

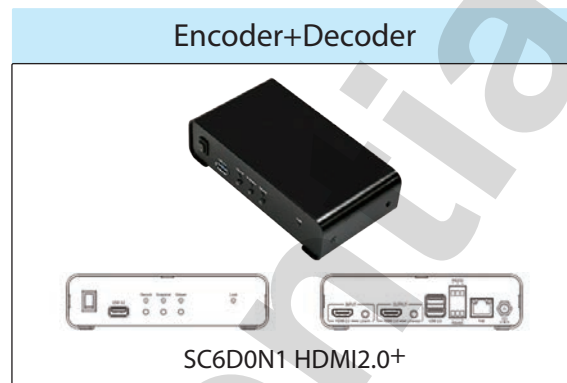
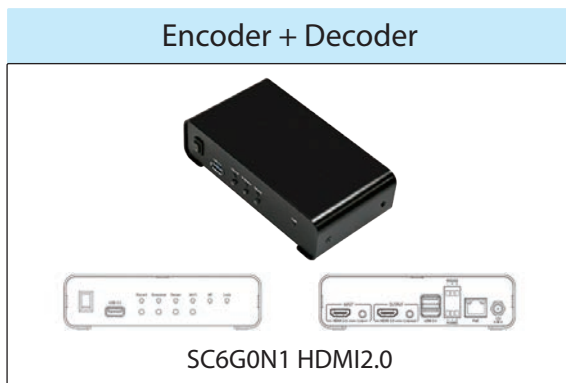
NDI 4K60 | NDI|HX Series



| | | |
|----------------------------|--|--|
| CPU | 11th Gen Intel® Core™ i7 1185G7E (2.8GHz) | 11th Gen Intel® Core™ i7 1185G7E (2.8GHz) |
| Max. FPS | 4096x2160p@60/50fps | 4096x2160p@60/50fps |
| A/V Input Interfaces | Video 4x12G-SDI Audio 4xHDMI Embedded Digital Audio (LPCM) 1x3.5mm Line/MIC in | Video 4xHDMI2.0 Audio 4xHDMI Embedded Digital Audio (LPCM) 1x3.5mm Line/MIC in |
| A/V Output Interface | Video 2xHDMI2.0 (Multiview / PGM) Audio 2xHDMI Embedded Digital Audio (LPCM) 1x3.5mm Line out | Video 2xHDMI2.0 (Multiview / PGM) Audio 2xHDMI Embedded Digital Audio (LPCM) 1x3.5mm Line out |
| Video Feature | Support Input / Output Resolutions 4096x2160p@60/50fps 3840x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | Support Input / Output Resolutions 4096x2160p@60/50fps 3840x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps |
| Video Encode | Support Resolutions 4096x2160p@60/50fps 3840x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | Support Resolutions 4096x2160p@60/50fps 3840x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps |
| Audio Feature | Configurable bit Rate Range from 32Kbps to 384Kbps Sample Rate : 48KHz, 16bit, Stereo | Configurable bit Rate Range from 32Kbps to 384Kbps Sample Rate : 48KHz, 16bit, Stereo |
| Network Feature | 2xRJ45 for 10/100/1000Mbps Ethernet DHCP Client **Wifi (Option) : **802.11b/g/n **802.11ac ** Optional by Customer Request | 2xRJ45 for 10/100/1000Mbps Ethernet DHCP Client **Wifi (Option) : **802.11b/g/n **802.11ac ** Optional by Customer Request |
| 5G Support | LTE Cat20 (Option) LTE FDD Supported LTE TDD Supported Sub-6 (Option) SA Supported Non-SA Supported ** Optional by Customer Request | LTE Cat20 (Option) LTE FDD Supported LTE TDD Supported Sub-6 (Option) SA Supported Non-SA Supported ** Optional by Customer Request |
| Support Streaming Protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | Firmware Upgradable LED Indicator 2xUSB3.0 2xUSB2.0 Bluetooth Supported (Option) | Firmware Upgradable LED Indicator 2xUSB3.0 2xUSB2.0 Bluetooth Supported (Option) |
| PGM Mode Switch | PGM Mode Switch Full Screen Quadview Picture by Picture Picture in Picture PGM Loop Full Screen Switch : Channel 1~Channel 4 | PGM Mode Switch Full Screen Quadview Picture by Picture Picture in Picture PGM Loop Full Screen Switch : Channel 1 Channel 2 Channel 3 Channel 4 |
| Support Record Device | External USB3.0 HDD Internal SATA 2.5" HDD *HDD Not Included at SC6T0 | External USB3.0 HDD Internal SATA 2.5" HDD *HDD Not Included at SC6T0 |
| SDK Support | YUAN QCAP Video Capture SDK | YUAN QCAP Video Capture SDK YUAN QDEEP AI Algorithm SDK Intel® Distribution of OpenVINO™ toolkit |

NDI 4K60

NDI|HX Series



| | | |
|----------------------------|---|--|
| Max. FPS | 3840x2160p@60/50fps | 3840x2160p@60/50fps |
| Recording Mode | Hardware Compression | Hardware Compression |
| Input Interfaces | Video 1xHDMI2.0 Audio 1x3.5mm stereo analog audio | Video 1xHDMI2.0 Audio 1x3.5mm stereo analog audio |
| Output Interface | Video 1xHDMI2.0 Audio 1x3.5mm stereo analog audio | Video 1xHDMI2.0 Audio 1x3.5mm stereo analog audio |
| Video Feature | H.265 (HEVC) / H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo |
| Network Feature | 1xRJ45 for 10/100/1000Mbps Ethernet DHCP client | 1xRJ45 for 10/100/1000Mbps Ethernet DHCP client |
| Support Streaming protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 1xUSB3.0 (For external storage usage) 2xUSB2.0 (For Keyboard and mouse usage) 1xRS232 + 1xRS485 | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 1xUSB3.0 (For external storage usage) 2xUSB2.0 (For Keyboard and mouse usage) 1xRS232 + 1xRS485 |
| Record Format | MP4 / TS / MOV | MP4 / TS / MOV |
| Power Supply | DC input : 12V / 2A Support POE input | DC input : 12V / 2A Power consuming : 19.475W maximum Estimated Support POE input |

NDI 4K60

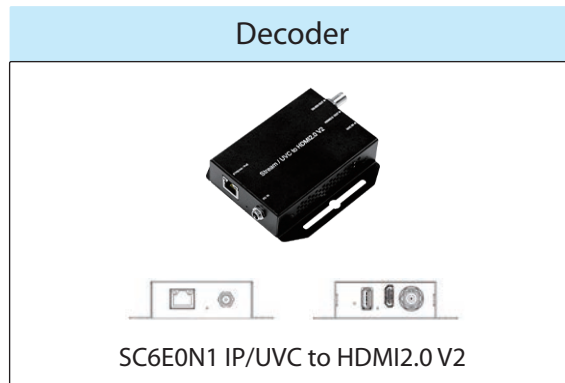
NDI|HX Series



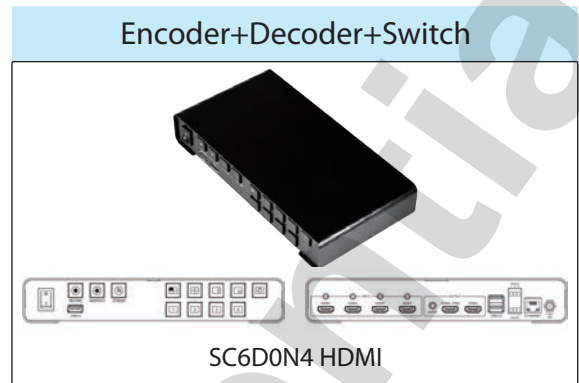
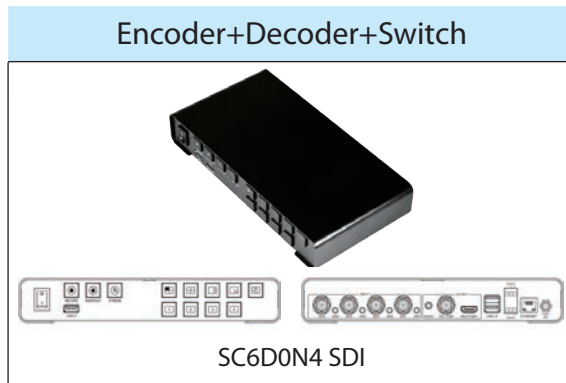
| | | | |
|----------------------------|---|---|---|
| Max. FPS | 3840×2160p@60/50fps | 3840×2160p@60/50fps | 3840×2160p@60/50fps |
| Recording Mode | Hardware Compression | Hardware Compression | Hardware Compression |
| Input Interfaces | 1×HDMI2.0 | Video 1×RJ45 | Video 1×RJ45 |
| Output Interface | 1×RJ45 1×USB3.0 Type B (UVC) output | Video 1×HDMI2.0 1×USB3.0 Type-C (UVC) output | Video 1×USB3.0 Type-B (UVC) output |
| Video Feature | H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840 × 2160p@60/50fps 3840 × 2160p@30/25/24fps 1920 × 1080p@60/50fps 1920 × 1080p@30/25/24fps 1280 × 720p@60/50fps 1280 × 1024p@60fps 1280 × 960p@60fps 1024 × 768p@60fps 800 × 600p@60fps 640 × 480p@60fps 720 × 480p@60fps 720 × 576p@50fps | H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840×2160p@60/50fps 3840×2160p@30/25/24fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps | H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840×2160p@60/50fps 3840×2160p@30/25/24fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo |
| UVC Output | NV12 2160p30/25/24 YUY2/NV12 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 MJPEG/H.264/H.265 2160p60/50 2160p30/25/24 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 | NV12 2160p30/25/24 YUY2/NV12 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 MJPEG/H.264/H.265 2160p60/50 2160p30/25/24 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 | NV12 2160p30/25/24 YUY2/NV12 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 MJPEG/H.264/H.265 2160p60/50 2160p30/25/24 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 |
| Network Feature | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client / Static IP | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client |
| Support Streaming Protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | HDMI Embedded Audio | UVC Supported Web UI for System Configuration Firmware Upgradable | UVC Supported Web UI for System Configuration Firmware Upgradable |
| Record Format | Stereo / 16bit / 48000Hz | MP4 / TS / MOV | N/A |
| Power Supply | DC input : 12V PoE (802.3af) | DC input : 12V PoE (802.3af) | USB Bus Power |

NDI 4K60

NDI|HX Series

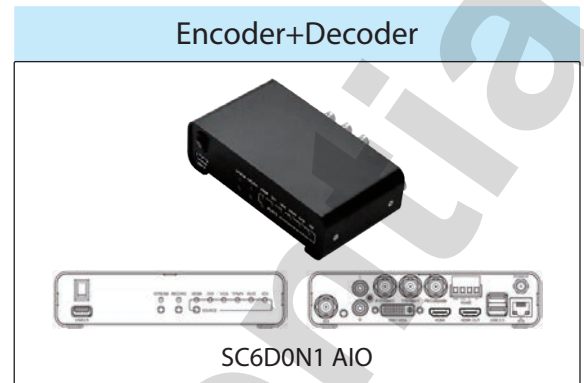
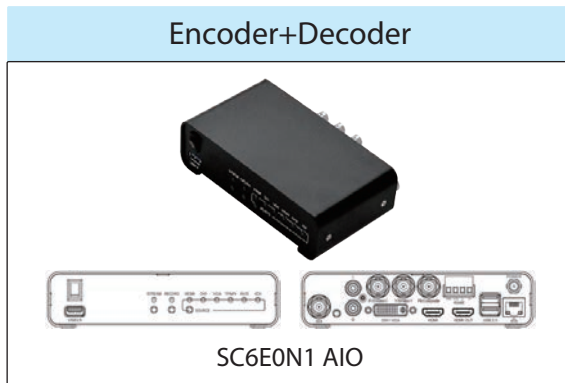


| | |
|----------------------------|--|
| Max. FPS | 4096x2160p@60/50fps |
| Recording Mode | Hardware Compression, Real-Time Mode |
| Input Interfaces | Video 1xRJ45 (RTSP/RTMP/HLS/TS/SRT/NDI HX/Dante AV-H Support) 1xUSB3.0 Type A (UVC) input |
| Output Interface | Video 1xHDMI2.0 1xSDI (Optional) |
| Video Feature | H.265/H.264/AVC, Baseline/Main/High Profile Supported HDMI output Resolutions 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit |
| Network Feature | 1xRJ45 for 10/100/1000Mbps Ethernet DHCP Client |
| Support Streaming Protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | Web UI for System Configuration Firmware Upgradable |
| Power Supply | DC in Support POE input |



| | | |
|----------------------------|---|--|
| Max. FPS | 1920×1080p@300fps (4 SDI + 1 PGM Channels) | 1920×1080p@300fps (4 HDMI + 1 PGM Channels) |
| Recording Mode | Hardware Compression | Hardware Compression |
| Input Interfaces | Video 4×SDI Audio 4×3.5mm | Video 4×HDMI Audio 4×3.5mm |
| Output Interface | Video 1×HDMI (Multiview / PGM) 1×SDI (PGM) Audio 1×3.5mm | Video 1×HDMI (Multiview / PGM) 1×HDMI (PGM) Audio 1×3.5mm |
| Video Feature | H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input resolutions 1920×1080 (P60/P50/P30/P25/P24/i60/i50) 1280×720 (P60/P50) Support output resolutions Resize Range from 160×120 to 1920×1080 (P60) | H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input resolutions 1920×1080 (P60/P50/P30/P25/P24/i60/i50) 1280×720 (P60/P50), 1280×1024 (P60), 1280×960 (P60) 1024×768 (P60), 800×600 (P60), 720×480 (P60/i60) 640×480 (P60), 720×576 (P50/i50) Support output resolutions Resize Range from 160×120 to 1920×1080 (P60) |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit |
| Network Feature | 1×RJ45 for 10/100/1000Mbps Ethernet Expandable internet interface on board DHCP client | 1×RJ45 for 10/100/1000Mbps Ethernet Expandable internet interface on board DHCP client |
| Support Streaming protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | 512MB Flash 2GB Memory Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 2×USB2.0 (For Keyboard and mouse usage) 1×USB3.0 (For external storage usage) 1×RS232 + 1×RS485/RS232 Main function switch Record Snapshot Stream PGM mode switch Full screen Quadview Picture by picture Picture in picture PGM Loop Full screen switch Channel 1~Channel 4 | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 2×USB2.0 (For Keyboard and mouse usage) 1×USB3.0 (For external storage usage) 1×RS232 + 1×RS485/RS232 Main function switch Record Snapshot Stream PGM mode switch Full screen Quadview Picture by picture Picture in picture PGM Loop Full screen switch Channel 1~Channel 4 |
| Record Format | MP4 / TS / MOV | MP4 / TS / MOV |
| Power Supply | DC input : 12V / 2A Power consuming : 19.475W maximum Estimated | DC input : 12V / 2A Power consuming : 19.475W maximum Estimated |

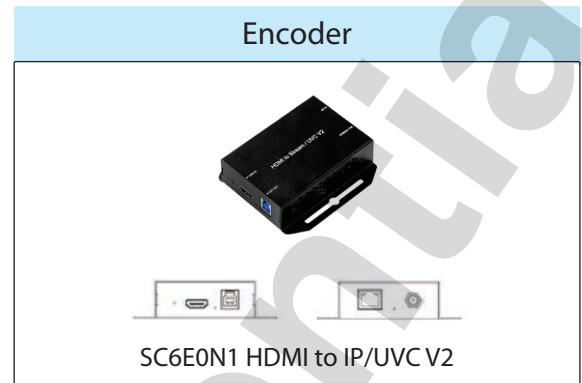
NDI 1080P | NDI|HX Series



| | | |
|----------------------------|---|--|
| Max. FPS | 1920×1080p@60/50fps | 1920×1080p@60/50fps |
| Recording Mode | Hardware Compression, Real-Time Mode | Hardware Compression, Real-Time Mode |
| Input Interfaces | <p>Video</p> <ul style="list-style-type: none"> 1×BNC for 3G/HD/SD-SDI 3×BNC for YPbPr/CVBS/S-Video 1×DVI-I for DVI-D/HDMI and DVI-A/VGA 1×HDMI <p>Audio</p> <ul style="list-style-type: none"> 2×RCA for Analog L/R Audio SDI/HDMI/DVI-D Embedded Audio 1×3.5 mm Phone Jack | <p>Video</p> <ul style="list-style-type: none"> 1×BNC for 3G/HD/SD-SDI 3×BNC for YPbPr 1×DVI-I for DVI-D/HDMI and DVI-A/VGA 1×HDMI <p>Audio</p> <ul style="list-style-type: none"> 1×RCA for Analog L/R Audio SDI/HDMI/DVI-D Embedded Audio 1×3.5 mm Phone Jack |
| Output Interface | <p>Video</p> <ul style="list-style-type: none"> 1×HDMI | <p>Video</p> <ul style="list-style-type: none"> 1×HDMI |
| Video Feature | <p>H.265/H.264/AVC, Baseline/Main/High Profile</p> <p>Support input / output resolutions</p> <ul style="list-style-type: none"> 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps 720×480i@60fps 720×576i@50fps | <p>H.264/H.265/AVC, Baseline/Main/High Profile</p> <p>Configurable Bit Rate Up to 64Mbps (for each stream)</p> <p>Supported Resolutions</p> <p>Input</p> <ul style="list-style-type: none"> 1920×1080 (P60/P50/P30/P25/P24/i60/i50) 1280×720 (P60/P50), 1280×1024 (P60), 1280×960 (P60) 1024×768 (P60), 800×600 (P60), 720×480 (P60/i60) 640×480 (P60), 720×576 (P50/i50) <p>Output</p> <ul style="list-style-type: none"> Resize Range from 320×240 to 3840×2160 (P30) *Output Include Down Scaling |
| Audio Feature | <p>Input Audio Stream :</p> <ul style="list-style-type: none"> AAC | <ul style="list-style-type: none"> AAC-LC Configurable Bit Rate Range from 32Kbps to 384Kbps Sample Rate : 48KHz, 16Bit |
| Network Feature | <ul style="list-style-type: none"> 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client | <ul style="list-style-type: none"> 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client |
| Support Streaming protocol | <ul style="list-style-type: none"> Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | <ul style="list-style-type: none"> Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | <ul style="list-style-type: none"> RS485 1×USB 3.0 Host for USB Storage 2×USB 2.0 (For Keyboard and mouse usage) Web UI for System Configuration Firmware Upgradable LED Indicator | <ul style="list-style-type: none"> Dynamic Parameter Setting RS485 1×USB 3.0 Host for USB Storage Web UI for System Configuration Firmware Upgradable LED Indicator PGM mode switch Full screen Picture by picture (Selectable CH1: SDI, CH2: YPbPr/DVI-I/HDMI) Picture in picture (Selectable CH1: SDI, CH2: YPbPr/DVI-I/HDMI) |
| Power Supply | DC input : 12V / 2A | DC input : 12V / 2A |

NDI 1080P

NDI|HX Series



| | | |
|----------------------------|---|---|
| Max. FPS | 1920x1080p@60/50fps | 1920x1080p@60/50fps |
| Recording Mode | Hardware Compression, Real-Time Mode | Hardware Compression, Real-Time Mode |
| Input Interfaces | Video 1xHDMI 1xSDI Audio 1x3.5 mm Phone Jack | Video 1xHDMI |
| Output Interface | Video 1xHDMI 2.0 (PGM) 1xHDMI (Loop through) 1xSDI (Loop through) Audio 1x3.5 mm Phone Jack | Video 1xRJ45 (RTSP/RTMP/HLS/TS/SRT/NDI HX/Dante AV-H Support) 1xUSB3.0 Type B (UVC) output |
| Video Feature | H.265/H.264/AVC, Baseline/Main/High Profile Support input / output resolutions 3840x2160p@60/50fps (Output only) 3840x2160p@30/25/24fps (Output only) 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60f ps 720x576p@50fps 720x480i@60fps 720x576i@50fps | H.265/H.264/AVC, Baseline/Main/High Profile Supported HDMI input Resolutions 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps |
| Audio Feature | Input Audio Stream: AAC | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit |
| Network Feature | 1xRJ45 for 10/100/1000Mbps Ethernet DHCP Client | 1xRJ45 for 10/100/1000Mbps Ethernet DHCP Client |
| Support Streaming protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | 1xUSB 3.0 Host for USB Storage 2xUSB 2.0 (For Keyboard and mouse usage) Web UI for System Configuration Firmware Upgradable LED Indicator | Web UI for System Configuration Firmware Upgradable |
| Power Supply | DC input : 12V / 2A | DC input : 12V / 2A Support POE input |

Pure Stream Encoder

100M H.26X Streaming Platform



H264/265 Encode and Decode
Under 100ms Latency
NDI/RTSP/RTMP/HLS/TS over IP

H.26X Series

100M H.26X Streaming Platform



Multi Input Interface

In a variety of applications, preferences for input interfaces may vary, and YUAN's solutions support a wide range of interfaces, from 4K to SD, including HDMI, DP, SDI, DVI, VGA, YPbPr, Composite, S-Video. From 4K to SD, covering HDMI, DP, SDI, DVI, VGA, YPbPr, Composite, S-Video, we are committed to assisting our customers in finding the most suitable solution for their specific application.



Complete Product Lines

YUAN has always been committed to making it easy for users to set up AV over IP systems, and has therefore launched a number of products that combine Tx and Rx. For example, SC6F0 and SC6F0 series products have both SDI and HDMI signal outputs, and also support encoding and decoding, which help you to set up the most suitable solution in the easiest way. On the other hand, we also provide a streaming solution for X86 platform that can be freely paired with PCIe video capture cards, which opens up more possibilities and application scenarios for users.

| High-Performance Streaming | Multi-Stream Capture | Multi-Stream Playback | Multi-Stream Recording | Multi-Stream Streaming | Multi-Stream Analysis |
|------------------------------|----------------------|-----------------------|------------------------|------------------------|-----------------------|
| High-Performance Streaming | Multi-Stream Capture | Multi-Stream Playback | Multi-Stream Recording | Multi-Stream Streaming | Multi-Stream Analysis |
| Image Streaming | Multi-Stream Capture | Multi-Stream Playback | Multi-Stream Recording | Multi-Stream Streaming | Multi-Stream Analysis |
| Desktop Engine | Multi-Stream Capture | Multi-Stream Playback | Multi-Stream Recording | Multi-Stream Streaming | Multi-Stream Analysis |
| Alpha Streaming Engine | Multi-Stream Capture | Multi-Stream Playback | Multi-Stream Recording | Multi-Stream Streaming | Multi-Stream Analysis |
| Audio Signal Detection | Multi-Stream Capture | Multi-Stream Playback | Multi-Stream Recording | Multi-Stream Streaming | Multi-Stream Analysis |
| 2D/3D Video, Audio and H.26X | Multi-Stream Capture | Multi-Stream Playback | Multi-Stream Recording | Multi-Stream Streaming | Multi-Stream Analysis |
| Capture | Record | Stream | Analysis | | |

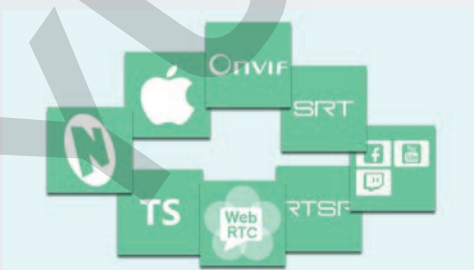
SDK Support

YUAN has a rich product lines to cover numerous solutions including H.26X, users can pick suitable solutions from 100M to 1G base on their case. The wide range products indeed provide the flexibility in application design.



Web UI

Instead of connecting key board & mouse to YUAN's device or control through RS232/485, our solution provides web based UI to control the whole system. Protocols or even layouts can be manipulated through user friendly UI in instinct !

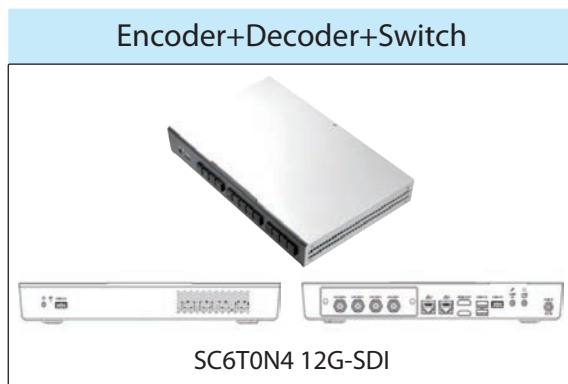


Various Bit Rate & Stream Protocol Support

YUAN's codecs support multiple bandwidths and streaming protocols, which can be quickly applied to various fields and devices. For example, HLS which is mostly used in Apple devices, and RTMP/RTSP, which is commonly used in YouTube live streaming, can be adjusted in real-time through the Web UI interface.

H.26X 4K60

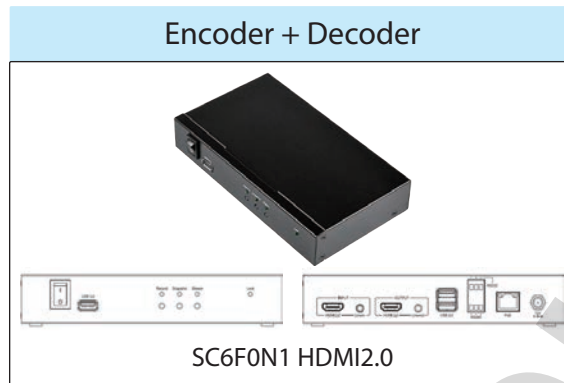
Transceiver Series



| | | |
|----------------------------|--|--|
| CPU | 11th Gen Intel® Core™ i7 1185G7E (2.8GHz) | 11th Gen Intel® Core™ i7 1185G7E (2.8GHz) |
| Max. FPS | 4096x2160p@60/50fps | 4096x2160p@60/50fps |
| A/V Input Interfaces | Video 4x12G-SDI Audio 4xHDMI Embedded Digital Audio (LPCM) 1x3.5mm Line/MIC in | Video 4xHDMI2.0 Audio 4xHDMI Embedded Digital Audio (LPCM) 1x3.5mm Line/MIC in |
| A/V Output Interface | Video 2xHDMI2.0 (Multiview / PGM) Audio 2xHDMI Embedded Digital Audio (LPCM) 1x3.5mm Line out | Video 2xHDMI2.0 (Multiview / PGM) Audio 2xHDMI Embedded Digital Audio (LPCM) 1x3.5mm Line out |
| Video Feature | Support Input / Output Resolutions 4096x2160p@60/50fps 3840x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | Support Input / Output Resolutions 4096x2160p@60/50fps 3840x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps |
| Video Encode | Support Resolutions 4096x2160p@60/50fps 3840x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps | Support Resolutions 4096x2160p@60/50fps 3840x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps |
| Audio Feature | Configurable bit Rate Range from 32Kbps to 384Kbps Sample Rate : 48KHz, 16bit, Stereo | Configurable bit Rate Range from 32Kbps to 384Kbps Sample Rate : 48KHz, 16bit, Stereo |
| Network Feature | 2xRJ45 for 10/100/1000Mbps Ethernet DHCP Client **Wifi (Option) : **802.11b/g/n **802.11ac ** Optional by Customer Request | 2xRJ45 for 10/100/1000Mbps Ethernet DHCP Client **Wifi (Option) : **802.11b/g/n **802.11ac ** Optional by Customer Request |
| 5G Support | LTE Cat20 (Option) LTE FDD Supported LTE TDD Supported Sub-6 (Option) SA Supported Non-SA Supported ** Optional by Customer Request | LTE Cat20 (Option) LTE FDD Supported LTE TDD Supported Sub-6 (Option) SA Supported Non-SA Supported ** Optional by Customer Request |
| Support Streaming Protocol | Dante AV-H* NDIHX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDIHX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | Firmware Upgradable LED Indicator 2xUSB3.0 2xUSB2.0 Bluetooth Supported (Option) | Firmware Upgradable LED Indicator 2xUSB3.0 2xUSB2.0 Bluetooth Supported (Option) |
| PGM Mode Switch | PGM Mode Switch Full Screen Quadview Picture by Picture Picture in Picture PGM Loop Full Screen Switch : Channel 1~Channel 4 | PGM Mode Switch Full Screen Quadview Picture by Picture Picture in Picture PGM Loop Full Screen Switch : Channel 1 Channel 2 Channel 3 Channel 4 |
| Support Record Device | External USB3.0 HDD Internal SATA 2.5" HDD *HDD Not Included at SC6T0 | External USB3.0 HDD Internal SATA 2.5" HDD *HDD Not Included at SC6T0 |
| SDK Support | YUAN QCAP Video Capture SDK | YUAN QCAP Video Capture SDK YUAN QDEEP AI Algorithm SDK Intel® Distribution of OpenVINO™ toolkit |

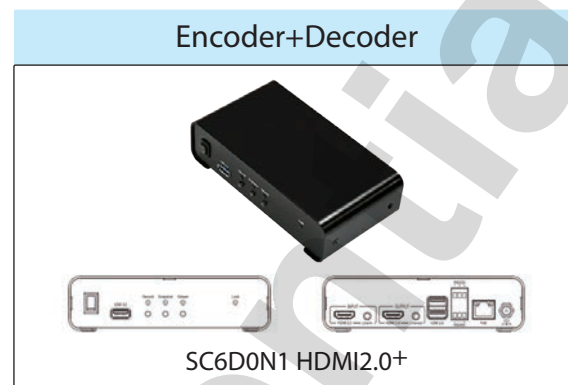
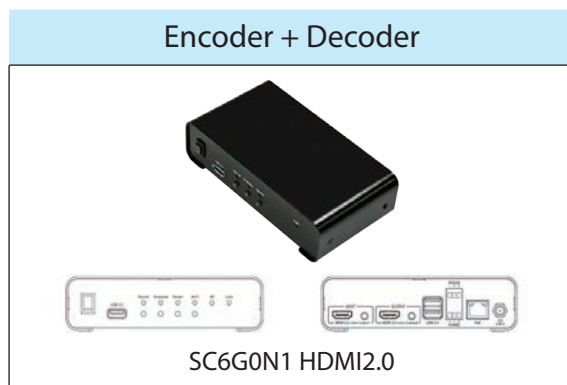
H.26X 4K60

Transceiver Series



| | |
|----------------------------|---|
| Max. FPS | 4096x2160p@60/50fps |
| Recording Mode | Hardware Compression |
| Input Interfaces | Video 1xHDMI2.0 Audio 1x3.5mm stereo analog audio |
| Output Interface | Video 1xHDMI2.0 Audio 1x3.5mm stereo analog audio |
| Video Feature | H.265/H.264 Hardware Compression Support resolutions 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1280x720p@60/50fps 1280x720p@30/25/24fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo |
| Network Feature | 1xRJ45 for 10/100/1000Mbps Ethernet Wifi : 802.11b/g/n for Option |
| Support Streaming Protocol | Dante AV Ultra, Dante AV-H* Full NDI, NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 1xUSB3.0 2xUSB2.0 1xRS232 + 1xRS485 |
| Record Format | MP4 / TS / MOV |
| Power Supply | DC input : 12V / 2A Max power consumption: 16W Support POE input |

H.26X 4K60 | Transceiver Series



| | | |
|----------------------------|--|--|
| Max. FPS | 3840×2160p@60/50fps | 3840×2160p@60/50fps |
| Recording Mode | Hardware Compression | Hardware Compression |
| Input Interfaces | Video 1×HDMI2.0 Audio 1×3.5mm stereo analog audio | Video 1×HDMI2.0 Audio 1×3.5mm stereo analog audio |
| Output Interface | Video 1×HDMI2.0 Audio 1×3.5mm stereo analog audio | Video 1×HDMI2.0 Audio 1×3.5mm stereo analog audio |
| Video Feature | H.265 (HEVC) /H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840×2160p@60/50fps 3840×2160p@30/25/24fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps 720×480i@60fps 720×576i@50fps | H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840×2160p@60/50fps 3840×2160p@30/25/24fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps 720×480i@60fps 720×576i@50fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo |
| Network Feature | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP client | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP client |
| Support Streaming protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 1×USB3.0 (For external storage usage) 2×USB2.0 (For Keyboard and mouse usage) 1×RS232 + 1×RS485 | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 1×USB3.0 (For external storage usage) 2×USB2.0 (For Keyboard and mouse usage) 1×RS232 + 1×RS485 |
| Record Format | MP4 / TS / MOV | MP4 / TS / MOV |
| Power Supply | DC input : 12V / 2A Support POE input | DC input : 12V / 2A Power consuming : 19.475W maximum Estimated Support POE input |

H.26X 4K60

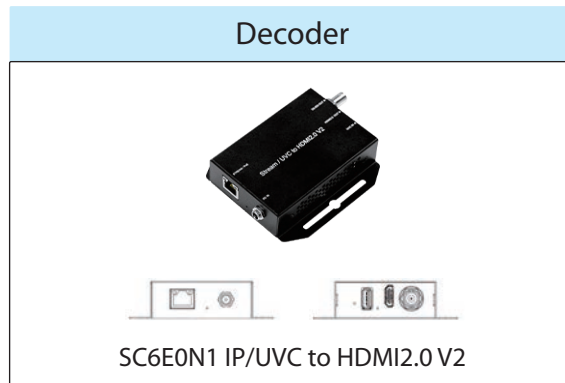
Transceiver Series



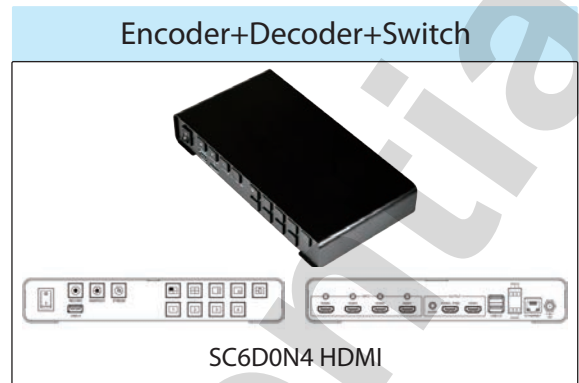
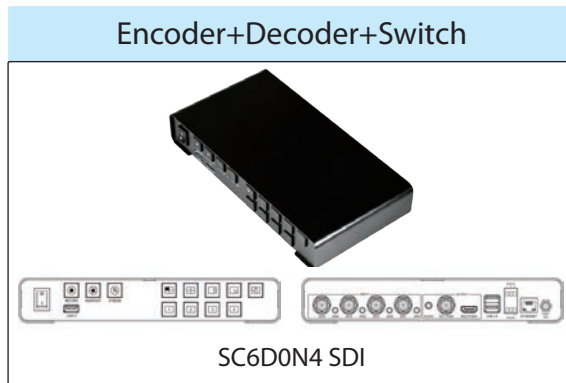
| | | | |
|----------------------------|---|---|---|
| Max. FPS | 3840×2160p@60/50fps | 3840×2160p@60/50fps | 3840×2160p@60/50fps |
| Recording Mode | Hardware Compression | Hardware Compression | Hardware Compression |
| Input Interfaces | 1×HDMI2.0 | Video 1×RJ45 | Video 1×RJ45 |
| Output Interface | 1×RJ45 1×USB3.0 Type B (UVC) output | Video 1×HDMI2.0 1×USB3.0 Type-C (UVC) output | Video 1×USB3.0 Type-B (UVC) output |
| Video Feature | H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840 × 2160p@60/50fps 3840 × 2160p@30/25/24fps 1920 × 1080p@60/50fps 1920 × 1080p@30/25/24fps 1280 × 720p@60/50fps 1280 × 1024p@60fps 1280 × 960p@60fps 1024 × 768p@60fps 800 × 600p@60fps 640 × 480p@60fps 720 × 480p@60fps 720 × 576p@50fps | H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840×2160p@60/50fps 3840×2160p@30/25/24fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps | H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input / output resolutions 3840×2160p@60/50fps 3840×2160p@30/25/24fps 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit, Stereo |
| UVC Output | NV12 2160p30/25/24 YUY2/NV12 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 MJPEG/H.264/H.265 2160p60/50 2160p30/25/24 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 | NV12 2160p30/25/24 YUY2/NV12 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 MJPEG/H.264/H.265 2160p60/50 2160p30/25/24 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 | NV12 2160p30/25/24 YUY2/NV12 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 MJPEG/H.264/H.265 2160p60/50 2160p30/25/24 1080p60/50/30/25/24 720p60/50/30/24 640x480p30 320x240p30 |
| Network Feature | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client / Static IP | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client |
| Support Streaming Protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | HDMI Embedded Audio | UVC Supported Web UI for System Configuration Firmware Upgradable | UVC Supported Web UI for System Configuration Firmware Upgradable |
| Record Format | Stereo / 16bit / 48000Hz | MP4 / TS / MOV | N/A |
| Power Supply | DC input : 12V PoE (802.3af) | DC input : 12V PoE (802.3af) | USB Bus Power |

H.26X 4K60

Transceiver Series



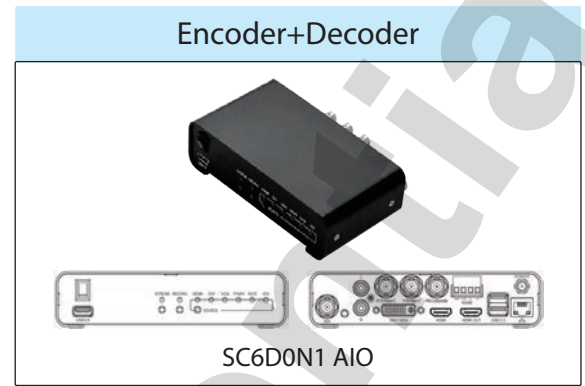
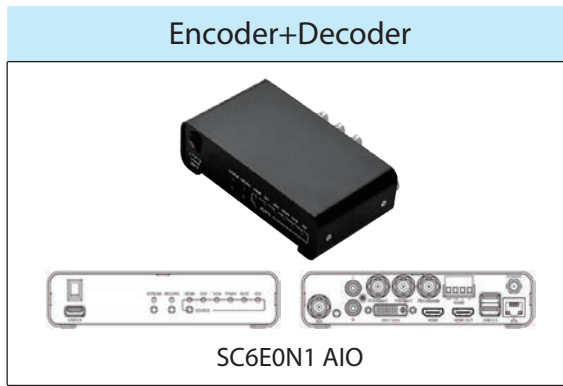
| | |
|----------------------------|--|
| Max. FPS | 4096x2160p@60/50fps |
| Recording Mode | Hardware Compression, Real-Time Mode |
| Input Interfaces | Video 1xRJ45 (RTSP/RTMP/HLS/TS/SRT/NDI HX/Dante AV-H Support) 1xUSB3.0 Type A (UVC) input |
| Output Interface | Video 1xHDMI2.0 1xSDI (Optional) |
| Video Feature | H.265/H.264/AVC, Baseline/Main/High Profile Supported HDMI output Resolutions 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit |
| Network Feature | 1xRJ45 for 10/100/1000Mbps Ethernet DHCP Client |
| Support Streaming Protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | Web UI for System Configuration Firmware Upgradable |
| Power Supply | DC in Support POE input |



| | | |
|----------------------------|---|--|
| Max. FPS | 1920×1080p@300fps (4 SDI + 1 PGM Channels) | 1920×1080p@300fps (4 HDMI + 1 PGM Channels) |
| Recording Mode | Hardware Compression | Hardware Compression |
| Input Interfaces | Video 4×SDI Audio 4×3.5mm | Video 4×HDMI Audio 4×3.5mm |
| Output Interface | Video 1×HDMI (Multiview / PGM) 1×SDI (PGM) Audio 1×3.5mm | Video 1×HDMI (Multiview / PGM) 1×HDMI (PGM) Audio 1×3.5mm |
| Video Feature | H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input resolutions 1920×1080 (P60/P50/P30/P25/P24/i60/i50) 1280×720 (P60/P50) Support output resolutions Resize Range from 160×120 to 1920×1080 (P60) | H.264/AVC, Baseline/Main/High Profile Configurable Bit Rate Up to 64Mbps Support input resolutions 1920×1080 (P60/P50/P30/P25/P24/i60/i50) 1280×720 (P60/P50), 1280×1024 (P60), 1280×960 (P60) 1024×768 (P60), 800×600 (P60), 720×480 (P60/i60) 640×480 (P60), 720×576 (P50/i50) Support output resolutions Resize Range from 160×120 to 1920×1080 (P60) |
| Audio Feature | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit |
| Network Feature | 1×RJ45 for 10/100/1000Mbps Ethernet Expandable internet interface on board DHCP client | 1×RJ45 for 10/100/1000Mbps Ethernet Expandable internet interface on board DHCP client |
| Support Streaming protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | 512MB Flash 2GB Memory Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 2×USB2.0 (For Keyboard and mouse usage) 1×USB3.0 (For external storage usage) 1×RS232 + 1×RS485/RS232 Main function switch Record Snapshot Stream PGM mode switch Full screen Quadview Picture by picture Picture in picture PGM Loop Full screen switch Channel 1~Channel 4 | Web UI for system configuration Firmware upgradable LED indicator Status with Power Recycle 2×USB2.0 (For Keyboard and mouse usage) 1×USB3.0 (For external storage usage) 1×RS232 + 1×RS485/RS232 Main function switch Record Snapshot Stream PGM mode switch Full screen Quadview Picture by picture Picture in picture PGM Loop Full screen switch Channel 1~Channel 4 |
| Record Format | MP4 / TS / MOV | MP4 / TS / MOV |
| Power Supply | DC input : 12V / 2A Power consuming : 19.475W maximum Estimated | DC input : 12V / 2A Power consuming : 19.475W maximum Estimated |

H.26X 1080P

Transceiver Series



| | | |
|----------------------------|---|--|
| Max. FPS | 1920×1080p@60/50fps | 1920×1080p@60/50fps |
| Recording Mode | Hardware Compression, Real-Time Mode | Hardware Compression, Real-Time Mode |
| Input Interfaces | <p>Video</p> <ul style="list-style-type: none"> 1×BNC for 3G/HD/SD-SDI 3×BNC for YPbPr/CVBS/S-Video 1×DVI-I for DVI-D/HDMI and DVI-A/VGA 1×HDMI <p>Audio</p> <ul style="list-style-type: none"> 2×RCA for Analog L/R Audio SDI/HDMI/DVI-D Embedded Audio 1×3.5 mm Phone Jack | <p>Video</p> <ul style="list-style-type: none"> 1×BNC for 3G/HD/SD-SDI 3×BNC for YPbPr 1×DVI-I for DVI-D/HDMI and DVI-A/VGA 1×HDMI <p>Audio</p> <ul style="list-style-type: none"> 1×RCA for Analog L/R Audio SDI/HDMI/DVI-D Embedded Audio 1×3.5 mm Phone Jack |
| Output Interface | <p>Video</p> <ul style="list-style-type: none"> 1×HDMI | <p>Video</p> <ul style="list-style-type: none"> 1×HDMI |
| Video Feature | <p>H.265/H.264/AVC, Baseline/Main/High Profile</p> <p>Support input / output resolutions</p> <ul style="list-style-type: none"> 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps 720×480i@60fps 720×576i@50fps | <p>H.264/H.265/AVC, Baseline/Main/High Profile</p> <p>Configurable Bit Rate Up to 64Mbps (for each stream)</p> <p>Supported Resolutions</p> <p>Input</p> <ul style="list-style-type: none"> 1920×1080 (P60/P50/P30/P25/P24/i60/i50) 1280×720 (P60/P50), 1280×1024 (P60), 1280×960 (P60) 1024×768 (P60), 800×600 (P60), 720×480 (P60/i60) 640×480 (P60), 720×576 (P50/i50) <p>Output</p> <ul style="list-style-type: none"> Resize Range from 320×240 to 3840×2160 (P30) *Output Include Down Scaling |
| Audio Feature | <p>Input Audio Stream :</p> <ul style="list-style-type: none"> AAC | <ul style="list-style-type: none"> AAC-LC Configurable Bit Rate Range from 32Kbps to 384Kbps Sample Rate : 48KHz, 16Bit |
| Network Feature | <ul style="list-style-type: none"> 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client | <ul style="list-style-type: none"> 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client |
| Support Streaming protocol | <ul style="list-style-type: none"> Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | <ul style="list-style-type: none"> Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | <ul style="list-style-type: none"> RS485 1×USB 3.0 Host for USB Storage 2×USB 2.0 (For Keyboard and mouse usage) Web UI for System Configuration Firmware Upgradable LED Indicator | <ul style="list-style-type: none"> Dynamic Parameter Setting RS485 1×USB 3.0 Host for USB Storage Web UI for System Configuration Firmware Upgradable LED Indicator PGM mode switch Full screen Picture by picture (Selectable CH1: SDI, CH2: YPbPr/DVI-I/HDMI) Picture in picture (Selectable CH1: SDI, CH2: YPbPr/DVI-I/HDMI) |
| Power Supply | DC input : 12V / 2A | DC input : 12V / 2A |

H.26X 1080P

Transceiver Series



| | | |
|----------------------------|---|---|
| Max. FPS | 1920×1080p@60/50fps | 1920×1080p@60/50fps |
| Recording Mode | Hardware Compression, Real-Time Mode | Hardware Compression, Real-Time Mode |
| Input Interfaces | Video 1×HDMI 1×SDI Audio 1×3.5 mm Phone Jack | Video 1×HDMI |
| Output Interface | Video 1×HDMI 2.0 (PGM) 1×HDMI (Loop through) 1×SDI (Loop through) Audio 1×3.5 mm Phone Jack | Video 1×RJ45 (RTSP/RTMP/HLS/TS/SRT/NDI HX/Dante AV-H Support) 1×USB3.0 Type B (UVC) output |
| Video Feature | H.265/H.264/AVC, Baseline/Main/High Profile Support input / output resolutions 3840×2160p@60/50fps (Output only) 3840×2160p@30/25/24fps (Output only) 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60f ps 720×576p@50fps 720×480i@60fps 720×576i@50fps | H.265/H.264/AVC, Baseline/Main/High Profile Supported HDMI input Resolutions 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps |
| Audio Feature | Input Audio S stream: AAC | AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit |
| Network Feature | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client | 1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client |
| Support Streaming protocol | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License | Dante AV-H* NDI HX* TS Over UDP RTSP Over HTTP/TCP/UDP RTMP HLS SRT *Optional by Customer Required need License |
| Misc. Features | 1×USB 3.0 Host for USB Storage 2×USB 2.0 (For Keyboard and mouse usage) Web UI for System Configuration Firmware Upgradable LED Indicator | Web UI for System Configuration Firmware Upgradable |
| Power Supply | DC input : 12V / 2A | DC input : 12V / 2A Support POE input |

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