NVR101-8C-8P Data Sheet

Contents

▌Overview

NVR101-8C-8P can record videos from up to 8 cameras, and the storage can be expanded to 8TB in total. A variety of monitoring methods, including a web browser, monitoring software, and mobile App, are available to manage your cameras and NVR easily. Featuring power-over-ethernet (PoE) ports, NVR101-8C-8P can transfer power and video signal to cameras through a single network cable, ideal for retails, banks, education institutions, hotels and other applications.

- Support 8 Cameras and up to 4K Resolution
- Support Ultra H.265/H.265/H.264 Video Formats
- Support Mainstream Cameras of ONVIF Conformance (Profile S, Profile G, Profile T) and RTSP Protocols
- Remote Access via Mobile App, Web Browser and VMS (Video Management Software)
- Plug & Play with 8 Independent PoE Network Interfaces
- HDMI and VGA Simultaneous Output
- 1 SATA HDD, up to 8TB
- Mini 1U-sized, Rack-mountable

❚ Specifications

Table 1 shows the technical specification for FS NVR101-8C-8P.

Table 1.   Technical specification

Video / Audio Input	
IP Video Input	8-ch
Two-way Audio Input	NA
Video / Audio Output	
HDMI Output	4K(3840x 2160)@30fps, 1920x1080@60fps, 1920x 1080@50fps, 1600x 1200@60fps, 1280x 1024@60fps, 1280x 720@60fps, 1024x 768@60fps
VGA Output	1920x 1080@60fps,1920x 1080@50fps,1600x 1200@60fps,1280x 1024@60fps,1280x 720@60fps,1024x 768@60fps
Recording Resolution	4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA
Audio Compression	G.711A, G.711U
Synchronous Playback	8-ch
Liveview Display	1/4/6/8/9
Corridor Mode Screen	3/4/5/7/9
Network	
Incoming Bandwidth	64Mbps
Outgoing Bandwidth	48Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP, RTSP
Decoding	
Decoding format	Ultra H.265/H.265/H.264
Live View/Playback	4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	1x4K@30fps, 4x5MP@25fps, 4x4MP@25fps, 4x3MP@25fps, 4x1080p@30fps, 8x720p@30fps

Hard Disk

SATA	1 SATA interface
Capacity	Up to 8TB for each disk

Smart

VCA Detection	Face Detection, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Audio Detection
VCA Search	Face Search, Behavior Search
SIP	4-ch (supports channel 1-4; Alarmonly, no image)

General Alarm

General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Alarm Input
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal

PoE

Interface	8 RJ-45 10M/100M Self-adaptive Ethernet Interface
Max Power for Single Port	30W
Max Power in Total	75W
Supported Standard	IEEE802.3at,IEEE802.3af

External Interface

Network Interface	1 RJ-45 10M/100M Self-adaptive Ethernet Interface
USB Interface	Rear Panel: 2xUSB2.0
RS232/RS485	Support
Alarm In	NA
Alarm Out	NA

Snapshot

FTP/Schedule/Event Snapshot	1-ch snapshot, up to D1 resolution

General

Power Supply	52V DC
Power Consumption (without HDD)	≤ 9W
Dimensions (Hx Wx D)	46mm×260mm×240mm (1.8"×10.2"×9.4")
Weight	≤1.1kg(2.43lb)
Operating Temperature	-10 to 55°C (14 to 131°F)
Operating Humidity	≤ 90% RH (Non-condensing)
Warranty	2 Years

▌ Dimensions
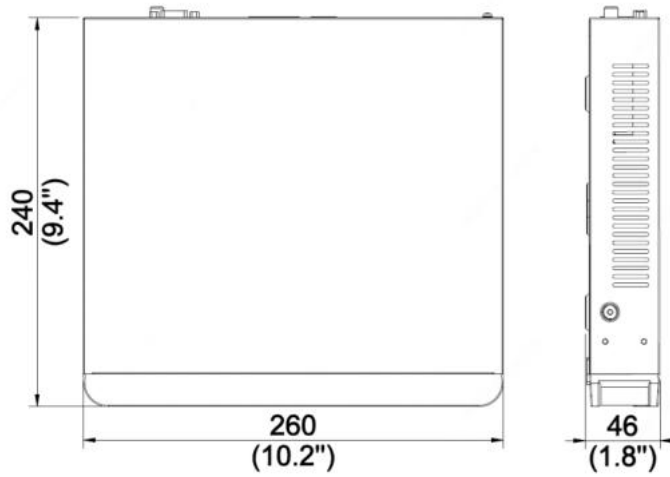
▌ Additional Information

For more information about the NVR101-8C-8P, please contact your account manager or visit
https://www.fs.com/products/176664.html

▌ Document History

New or revised topic	Described in	Date
Updates to FS NVR101-8C-8P Data Sheet	Updated all	7/10/2023

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