



NVR308-64C Data Sheet

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Overview

NVR308-64C, 64-Channel Network Video Recorder, Record 64CH 4K@30fps, Live View/Playback 4CH 4K@30fps, Supports up to 8x 12TB Hard Drive (Not Included)

The network video recorder (NVR) can record videos from up to 64 cameras, and the storage can be expanded to 96TB in total for its 8-bay SATA 3.5" HDD interface. A variety of monitoring methods, including a web browser, monitoring software and mobile App, are available to manage your cameras and NVR easily, ideal for small and medium enterprises, education institutions, hotels and other applications. It features an open architecture that supports for multi-user access, enabling interoperability with IP cameras.

- Support 32 Cameras and up to 12MP Resolution
- Remote Access via Mobile App, Web Browser and VMS (Video Management Software)
- ONVIF® Profile S Conformant
- Support H.265+/H.265/H.264 Video Formats
- ANR Technology to Enhance the Storage Reliability when the Network is Disconnected



Key features

Guard your security anytime and anywhere

The NVR can be remotely managed via a web browser, VMS(Video Management Software) and mobile App, providing ease and convenience.

Real time live view of 32 channels

High quality image of up to 4K (8MP) definition and the 32-channel display on one screen ensures you never miss any details, suitable for shopping mall, campus, hotel and office building, etc.

Efficient playback and smart search

Videos from up to 16 cameras can be replayed at the same time, greatly increasing the speed of reviewing footage. Smart search function enables you to find the target footage quickly.

ONVIF ensures compatibility

This NVR is compatible with IP cameras from FS and other brands, which support ONVIF, therefore you can easily establish a stable and varied network, no need to check the long compatibility list.

Specifications

Table 1 shows the technical specification for FS NVR308-64C.

Table 1. Technical specification

Video/Audio Input	
IP Video Input	64-ch
Two-way Audio Input	1-ch, RCA
Network	
Incoming Bandwidth	320Mbps
Outgoing Bandwidth	160Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP
Browser	IE(IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome(version 45 and above) for Windows Edge(version 79 and above) for Windows
Video/Audio Output	
HDMI Output	4K (3840x 2160)@30, 1920x 1080p@60, 1920x 1080p@50, 1600x 1200@60, 1280x 1024@60, 1280x 720@60, 1024x 768@60
VGA Output	1920x 1080p@60, 1920x 1080p@50, 1280x 1024@60, 1600x 1200@60, 1280x 720@60, 1024x 768@60
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA
Audio Compression	G.711A, G.711U
Synchronous Playback	16-ch
Live View Display	Simultaneous Output: VGA: 1/4/6/8/9/16/25/36/64 HDMI: 1/4/6/8/9/16/25/36/64 Independent Output: VGA: 1/4/6/8/9/16/25/32 HDMI: 1/4/6/8/9/16/25/32
Corridor Mode Screen	3/4/5/7/9/10/12/16/32
Snapshot	
FTP/Schedule/Event Snapshot	4-ch snapshot, up to D1 resolution

Decoding	
Decoding Format	H.265+, H.265, H.264
Live View/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	H.265+/H.265: 2x 12MP@30, 4x 4K@30, 6x 5MP@30, 8x 4MP@30, 10x 3MP@30, 16x 1080p@30, 32x 960p@25, 36x 720p@30, 64x D1 H.264: 2x 12MP@30, 4K@30, 4x 5MP@30, 6x 4MP@30, 8x 3MP@30, 14x 1080p@30, 28x 960p@25, 30x 720p@30, 64x D1
Hard Disk	
Disk Group	Support
RAID	--
eSATA	--
SATA	8 SATA interfaces
Capacity	Up to 12TB for each disk
Smart	
VCA Detection by Camera	Face Detection, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, UMD(Ultra Motion Detection)
VCA Search	Face Search Behavior Search, People - Counting Report, Vehicle Search
People Counting	People Flow Counting, Crowd Density Monitoring
Smart Intrusion Prevention (SIP), Vehicle Detection by Camera	Total 8-ch
General Alarm	
General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Input Alarm, Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, HardDiskFull, Recording/Snapshot Abnormal
External Interface	
Network Interface	2 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface
USB Interface	Front: 2x USB2.0, Rear panel: 1x USB3.0
RS232	NA
RS485	1

Alarm In	16-ch
Alarm Out	4-ch
General	
Power Supply	100~240V AC Power Consumption: ≤ 32W (without HDD)
Working Environment	-10° C~+ 55° C (+14° F~+131° F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	442mm× 426mm× 89mm (17.4"× 16.8"× 3.5")
Weight (without HDD)	≤ 4Kg (8.80lb)

Additional information

For more information about the NVR308-64C, contact your account manager or visit <https://www.fs.com/products/174018.html>

Document history

New or revised topic	Described in	Date
Updates to FS NVR308-64C Data Sheet	Updated all	7/07/2023



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