

F-NVR200

4K H.265 PoE Network Video Recorder



PRODUCT FEATURES

- ◆ Support 16 channels H.265/H264 Video Input
- ◆ HDMI video output up to 4K (3840 x 2160) resolution
- ◆ 8/16 x PoE Ports, support 802.3AF, 802.3AT
- ◆ Support IPC event trigger & Image Capture
- ◆ Support third-party ONVIF Profile T cameras
- ◆ 2 SATA HDDs, storage capacity is up to 12TB



Cloud Platform

Cloud-based IoT video surveillance solution allows users to set up a private video cloud platform, combine Data + Video monitoring All-in-one.

Plug and Play

With Four-Faith IP Cameras, no need for extra setup and configuration. Just plug in and power on, it will automatically set up and start to record.

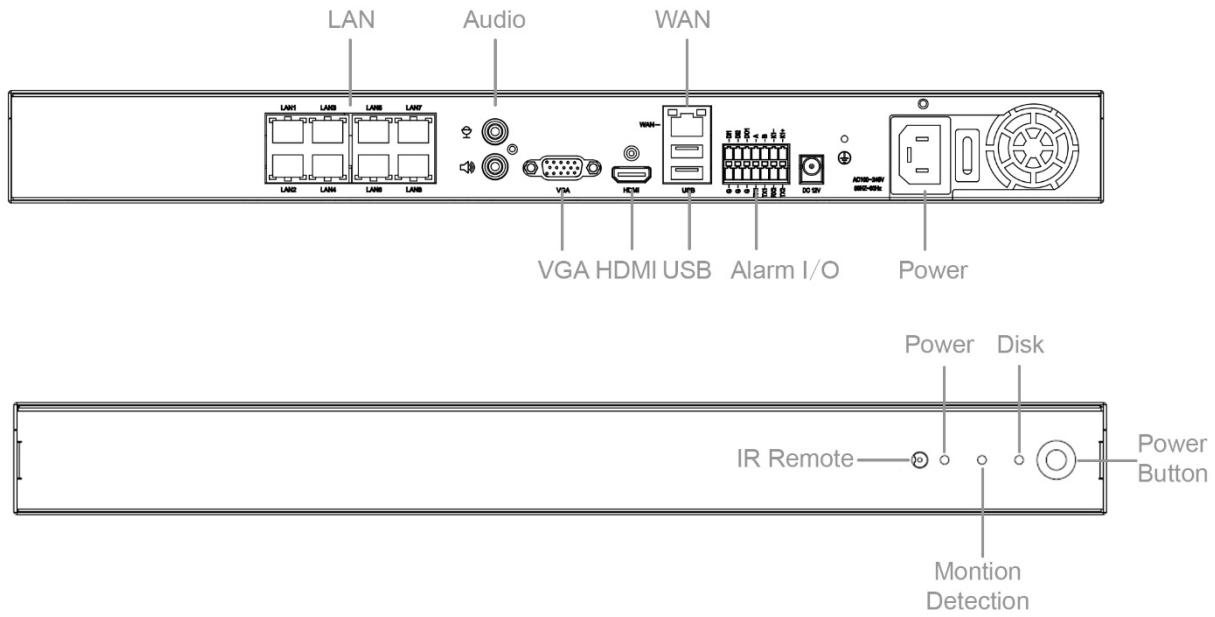
High-speed Cellular Network

Users can choose to install 4G or 5G high-speed cellular modules, using the wireless cellular network to transmit videos in real-time in any place.

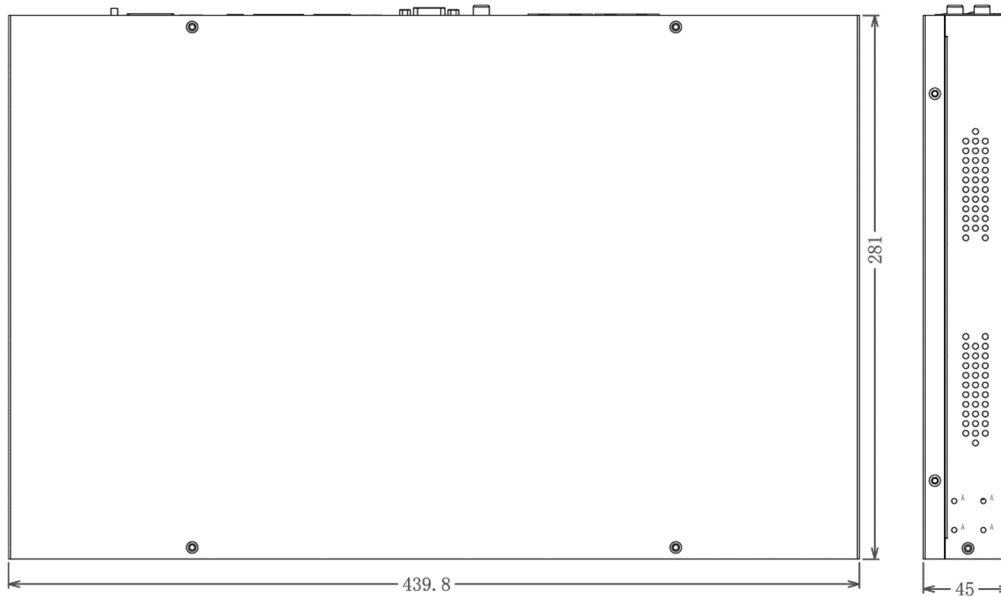
SPECIFICATION

Model	F-NVR200-16C8P	F-NVR200-16C16P*
Hardware		
CPU	ARM Cortex A7 Dual-core 1.3GHz	
FLASH	128MB	
DDR3	1GB	
Video		
Input	16 channels HD IP Video Input	
Output	1 x HDMI, Resolution(@30fps): 3840x2160, 1920x1080, 1280x720, 1024x768 1 x VGA, Resolution(@30fps): 1920x1080, 1280x720, 1024x768	
Decoding Format	H.265 / H.264	

Model	F-NVR200-16C8P	F-NVR200-16C16P*
Video		
Video Input Protocol	ONVIF (3.0), PELCO, RTSP, etc.	
Capability	4x1080p@30fps	
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/2CIF/CIF/QCIF	
Audio		
Input	16 channels from IPC	
Audio Compression	G711-Alaw、G711-Ulaw、AAC-LC	
Sample Rate	8KHz, 16KHz	
Voice Talkback	1 channel RCA Input, 1 channel RCA Output ADPCM Format	
Storage		
Hard Disk	2 x 3.5-Inch, SATA Interface	
Capability	Up to 6TB each HDD (Optional)	
Interface		
WAN	1 x 10M/100M/1000M RJ45 Ethernet Port	
LAN	8 x 10M/100M/1000M RJ45 Ethernet Port Support PoE 802.3af/at	16 x 10M/100M/1000M RJ45 Ethernet Port Support PoE 802.3af/at
Serial Port	1 x RS232, 1 x RS485/RS232 Multiplex	
USB	2 x standard USB2.0	
Digital Input	2	
Digital Output	1 x DO, 1 x Relay Output	
Power		
Power Supply	C13 Interface	
Power Range	AC 110~240V	
Power Consumption	2.5W in Standby Status, Support Maximum 120W in PoE Mode	
Cellular (Optional)		
Standard & Band	5G NR, 4G LTE FDD, LTE TDD, EVDO, WCDMA, TD-SCDMA, CDMA1X, GPRS/EDGE	
Bandwidth	5G NR: Downstream rate 3.4Gbps, uplink rate 350Mbps LTE Cat20: Downstream rate 2.0Gbps, uplink rate 150Mbps FDD-LTE: Downstream rate 150Mbps, uplink rate 50Mbps TD-LTE: Downstream rate 130Mbps, uplink rate 35Mbps	
Transmit Power	<23dBm	
Sensitivity	<-97dBm	
WIFI (Optional)		
Standard & Band	Support IEEE802.11b/g/n, 2.4G, support AP & Client mode	
Bandwidth	IEEE802.11b/g: Maximum speed rate 54Mbps IEEE802.11n: Maximum speed rate 150Mbps	
Transmit Power	26dBm (11b), 21.5dBm (11g), 20dBm (11n)	
Sensitivity	<-72dBm@54Mbps	
General		
Casing	Metal, IP30	
Dimensions	439.8x281x45mm (W x D x H)	
Weight (without HDD)	3.6KG	
Chassis	1U chassis	
Working Temperature	-10°C ~ + 55°C (+14°F ~ +131°F)	
Working Humidity	90% (non-condensing)	



DIMENSIONS (mm)



Ordering Information

Model	Description
F-NVR200-16C8P	1 X 10/100/1000M WAN RJ45 port, 8 x 10/100M LAN RJ45 ports with PoE
F-NVR200-16C8P-4G	1 X 10/100/1000M WAN RJ45 port, 8 x 10/100M LAN RJ45 ports with PoE, High-speed 4G cellular module & 2.4GHz WIFI module
F-NVR200-16C8P-5G	1 X 10/100/1000M WAN RJ45 port, 8 x 10/100M LAN RJ45 ports with PoE, High-speed 5G cellular module & 2.4GHz WIFI module
F-NVR200-16C16P*	1 X 10/100/1000M WAN RJ45 port, 16 x 10/100M LAN RJ45 ports with PoE

*In development