

NVR-PRE16C-16P4K

16CH Prime Series 1.5U 4K NVR with 16 POE

- Up to 12MP resolution recording
- HDMI and VGA output at up to 4K
- Provides 4 SATA interfaces and 1 eSATA interface
- Plug & Play with 16 PoE network interfaces



Recording Speed:	12MP/8MP/6MP/5MP/4MP/3MP/1080p/720p Max 160 Mbps
Resolution:	12MP/8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF
Drive Capacity:	4 SATA
Video Inputs:	16
Ethernet Ports:	1
Video Outputs:	HDMI / VGA
Audio Inputs:	1
Audio Outputs:	1
Alarm Inputs:	16
Alarm Outputs:	4
Internal DVD Burner Support:	No
Smart Phone Access/ Push Notification	Yes
Motion Activated Recording:	Yes
PTZ Control:	Yes
Simultaneous Remote Users:	128



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NVR-PRE16C-16P4K	
Video/Audio input	
IP video input	16-ch
Two-way audio input	1-ch, BNC (2.0 Vp-p, 1kΩ)
Network	
Incoming bandwidth	160Mbps
Outgoing bandwidth	256Mbps
Remote Connection	128
Video/Audio output	
Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF
HDMI output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA output	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio output	1-ch, RCA (Linear, 1 KΩ)
Decoding	
Live view / Playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF
Capability	4-ch @ 4K, or 16-ch @ 1080p
Hard disk	
SATA	4 SATA interfaces for 4HDDs or 2HDDs and DVR
eSATA	1 eSATA interface
Capacity	Up to 6TB capacity for each HDD
External interface	
Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface 1
Serial interface	RS-485 (half-duplex), 1 RS-232
USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm in/out	16/4
PoE	
Interface	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
Max. Power	≤200W
Supported standard	IEEE 802.3 af/at
Others	
Power supply	100 ~ 240VAC, 6.3A, 50 ~ 60Hz
Consumption	≤20 W (without enabling PoE)
Working temperature	-10 °C ~ +55 °C (14°F ~ 131°F)
Working humidity	10% ~ 90%
Chassis	19-inch rack-mounted 1.5U chassis
Dimensions(W×D×H)	445 × 390 ×70 mm (17.5"× 15.3" × 2.8")
Weight(without HDD)	≤ 5 Kg (11 lb)

Design and specifications are subject to change without notice.

Index	Description
1	LAN Network Interfaces
2	AUDIO OUT
3	AUDIO IN
4	HDMI Interface
5	USB 3.0 Interface
6	RS-232 Serial Interface
7	VGA Interface
8	RS-485 Serial Interface
9	ALARM IN and ALARM OUT
10	GND
11	100~240VAC Power Input
12	Power Switch
13	Network Interfaces with PoE function

