



PRTN1A-16X16

16 Ch NVR with 16 Plug & Play Ports, 160 Mbps, 2 HD Bays

Features

- Up to 12 Megapixel Resolution Recording
- 160 Mbps Bit Rate Input
- Supports up to 16 channel simultaneous playback
- Smart Analytic Support
- Local HDMI main monitor output with 4K support
- Local VGA main monitor output up to 1080p
- True P2P Connectivity with QR Code Connect
- Cloud Upgradeable
- Cloud Storage Option: Drop Box/Google Drive
- H.265+/H.265/H.264+/H.264
- 2 Hard Drive Bays
- Free Central Management Software (CMS)
- Free iOS & Android Apps for Smart Phones & Tablets
- Free MAC Client

Model	PRTN1A-16X16
Chipset	NT98323
Video & Audio Input	
IP Video Input	16ch
Two Way Talk	1-ch, RCA
Video & Audio Output	
HDMI	1ch, resolution:4K(3840×2160)/30Hz,1920×1080/60Hz, 1280×1024/60Hz,1280×720/60Hz
VGA	1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz
Audio Output	1-ch, RCA
Recording	
Compression	H.265+/H.265/H.264+/H.264
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF /QCIF
Bit Rate	64Kbps~10Mbps
Playback & Backup	
Playback Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF /QCIF
Decoding Capability	4ch@1080P 2ch@5M 1ch@8M 1ch@12M
Synchronous Playback	8ch
Playback Mode	Smart Playback/Normal/Time Division/ Label/ Event/ Log playback
Backup Mode	USB Device/Network
Advanced Features	
Smart Detection	Area Intrusion, Line crossing, Region Entrance /Region Exiting, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering Detection, Blurred detection, Scene change detection, Audio exception detection, SMD,PP
Smart Playback	Face detection/Line Crossing/Are Intrusion/Motion Detection
Cloud Storage	Support
Cloud Upgrade	Support
Network	
incoming Bandwidth	160Mbps
outgoing Bandwidth	160Mbps
Ethernet	1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface
Network Function	HTTPs, HTTP, TCP/IP, IPv4, UPnP, RTSP, UDP, SMTP, SNMP, Multicast, NTP, DHCP, DNS, IP Filter, DDNS, FTP, P2P, ONVIF
Smart Phone	IOS (iPhone, iPad), Android (Phone, Pad)
Hard Disk	
SATA	2 SATA interface
Capacity	Up to 14TB capacity for each HDD
External Interface	
POE Interface	16 independent 10 /100 Mbps PoE Ethernet interfaces
USB Interface	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0
Alarm In	4-ch
Alarm Out	1-ch
General	
Power Supply	DC 48V/3.75A
Power Consumption	≤15W(without HDD and POE)
Working Environment	32°F ~ 131°F(0°C ~ 55°C) / 10%~90%RH
Dimension (W×D×H)	15 x 12 x 1.8 in (380×305×45mm)
Weight	7.9 lb (3.6kg)

Ordering Information

PRTN1A-16X16: 16 Ch NVR with 16 Plug & Play Ports