

PRTKIT-5MP16CHTX12-4T

16CH NVR W/ (12) 5MP CAMERAS 100' CABLE PER CAMERA NDAA COMPLIANT

- 16 Ch. NVR with 16 PoE Ports (PRTN-16X16)
- 5-Megapixel 2.8mm Turret (PRT-P5TXIR28)
- 100' cable per camera
- 2 Protection Stickers



Kit Camera: PRT-P5TXIR28

5 Megapixel IP Plug & Play, Outdoor Turret, Fixed Lens, IR Range up to 98', WDR, Built-in Mic, SD Card Slot, DC12V/PoE

Kit Camera Features

- Smart Analytics: AI Human Body Detection
- 5 Megapixel Resolution
- Fixed 2.8mm Lens
- True Day/Night with IR Range up to 98'
- H.264/H.264+/H.265/H.265+
- WDR
- Micro SD Slot: Up to 128GB
- Built-in Mic
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client

Camera	PRT-P5TXIR28
Sensor+DSP	IMX335+NT98566
Image Sensor	1/2.8" Progressive scan CMOS Sensor
Min. Illumination	0.01lux(Color), 0lux(IR on)
Lens Type&Focal Length	Fixed focal lens,2.8mm@F1.6
FOV	horizontal FOV:104°, vertical FOV:74°, diagonal FOV:130°
IR	2pcs Array LED
IR Range	up to 98' (30m)
Deterrent Light	Supported (white light on event)
Smart IR	Support
Shutter Time	Auto/Manual, 1/3~1/10000s
Day/Night	IR cut filter with auto switch
Wide Dynamic Range	WDR & DWDR
Digital noise reduction	2D/3D DNR
Compression Standard	
Video Compression	H.264/H.264+/H.265/H.265+
H.264 Codec profile	Base/Main/High profile
H.265 Codec profile	Main profile
Video Bit Rate	11 Kbps ~ 8 Mbps
Triple Streams	Support
Audio Compression	G.711A/G.711U
Audio Bit Rate	64 Kbps

Image	
Max. Image Resolution	5MP(2592 × 1944)
Frame Rate	50Hz:20fps 5MP (2592 × 1944) 25fps 4MP (2304 × 1728) 25fps 3MP (2048 × 1536), 25fps 1080P (1920 × 1080) 60Hz:20fps 5MP (2592 × 1944) 25fps 4MP (2304 × 1728) 30fps 3MP (2048 × 1536), 30fps 1080P (1920 × 1080)
Sub Stream	50Hz:25fps 720P(1280 × 720) 25fps D1(704 × 576),25fps CIF(352 × 288) 60Hz:30fps 720P(1280 × 720) 30fps D1(704 × 480),30fps CIF(352 × 240)
Third Stream	50Hz:25fps CIF(352 × 288) 60Hz:30fps CIF(352 × 240)
Image Setting	Brightness/Contrast/Saturation/Hue/Sharpness
BLC	Support
HLC	Support
ROI	Support
Defog	Support
Rotate	Support
Network	
Network Storage	N/A
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,IGMP,UPnP,SMTP,UPnP-TM,P2P,Bonjour
Event	Smart Motion Detection/SMD (Human Classification) Video Shelter
Perimeter Protection	Line Crossing, Area Intrusion (Human Classification)
Analytics	Region Entrance Region Exiting Fast Moving
System compatibility	ONVIF Profile G/S/T, CGI
Security	User authentication, IP address filtering, Video mask
WEB	IE, Edge, Chrome, Firefox
Mobile Surveillance	iPhone, Android devices
Interface	
Communication interface	1 RJ45 10M / 100M Ethernet Port
On-board storage	up to 128GB
Mic	Built-in Mic
Reset button	Support
Audio I/O	NA
General	
Operating Conditions	-22°F ~ 140°F (-30°C ~ 60°C) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%
POE Supply	PoE (802.3af)
Power Consumption	MAX. 7W
Weather Proof	IP67
Dimensions	4 x 3.2 in (102 x 82.4 mm)
Weight	1lb (450g)

Ordering Information

Kit Part Number: PRTKIT-5MP16CHTX12-4T



Kit NVR: PRTN-16X16

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

Kit NVR 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	PRTN-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 Intrution/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 8TB 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)

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