NVR5-4100PXN(MM)

4CH 5MP PoE NVR with NDAA compliance

Provision-ISR NVR5-4100PXN(MM) is an NDAA-compliant high-performance network video recorder with an integrated 4-channel PoE switch for high-definition surveillance. This easy-to-install solution is suitable for small-sized installations (up to 4 channels) and provides everything you need for a trouble-free CCTV project. This model complies with NDAA demands and ensures that your devices are cyber-protected round the clock with the integrated Check Point Quantum IoT Nano agent that provides an advanced threat prevention layer against the common attack vectors at runtime.

4 CH

5 MP



HDMI Video Outputs | VGA Video Outputs | 1080P Resolution | 1 HDD | DDA Video Analytics

PoE | x1 Ethernet | P2P

NDAA | face detection | POWER OVER ETHERNET | AI ENGINE

MAIN FEATURES

Video:
- Input: 4 Channel Support
- 4 Channel PoE / Standard Network Connection (Via 4 x RJ-45 / Network)
- Output: HDMI / VGA (1080P, 1280×1024, 1024×768)

Bandwidth:
- Incoming: 40Mbps
- Outgoing: 64Mbps

Decoding Support:
- H.265S/H.265+/H.265/H264

Analytics:
- Camera Tampering, DDA2 With Object Classification, Line Crossing (DDA / Pixel Based), Sterile Area (DDA / Pixel Based), Object Monitoring, Object Counting (DDA), Crowd Gathering, People Intrusion, Smart Search, LPR, Thermal
- *DDA/LPR Analytics Live Snapshots are not supported

Recording:
- 4CH 5MP Real-Time
- FPS: 100 (PAL) / 120 (NTSC)

Playback:
- Local: 4Ch Simultaneously
- Remote: 4Ch Simultaneously

Audio:
- Input: IPC Inputs Only
- Output: IPC Outputs Only

Alarm:
- Input: Based on IPC only
- Output: Based on IPC only

Storage:
- 1 x SATA (Up to 6TB each)

USB Port:
- 2 USB 2.0 Port

Network:
- 1 x RJ-45: 10/100Mbps Each

Remarks:
- The following features are based on firmware v1.4.8 and are subject to firmware version changes.

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SPECIFICATIONS

3rd Party Cyber Protection	
General	N/A
Protection Methods	N/A

NDAA Compliant	
NDAA Compliant	Yes

Video	
Video Input	4Ch over Network / PoE direct connection
Output	HDMI / VGA (1080P, 1280x1024, 1024x768)
View Mode	Mirrored
Fish-Eye Dewarp	Web Only
Decoding Format	H.265 / H.265+ / H.265S / H.264
Decoding Capabilities	1Ch – 5MP ; 4Ch – 2MP

Audio	
Audio-specs-Input	Based on IPC only
audio-specs-Output	Based on IPC only
Compression	G.711A/G.711U
Two Way Audio	No

Analytics	
Supported Analytics	Camera Tampering, DDA2 With Object Classification, Line Crossing (DDA / Pixel Based), Sterile Area (DDA / Pixel Based), Object Monitoring, Object Counting (DDA), Crowd Gathering, People Intrusion, Smart Search, LPR, Thermal *DDA/LPR Analytics Live Snapshots are not supported
Analytics Channels (IPC Based)	4Ch (Requires supporting IPC)
Analytic Channels (NVR Based)	N/A
Face Recognition Rate	N/A

Bandwidth	
Incoming	40Mbps

NVR5-4100PXN(MM)

Outgoing	64Mbps
Record/ Main Stream	
Real-Time Recording	4CH 5MP Real-Time
Record Type	Video / Video + Audio
Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS and all of its combinations
16MP	N/A
12MP	N/A
8MP	N/A
5MP and lower	120FPS(NTSC)/100FPS(PAL)
Master stream over network	Up to 4CH@Recording Resolution
Substream	
Resolution substream	Depends on IPC
Remote view	
Max Channel View	20Ch (Limited to Outgoing Bandwidth Capacity)
Remote Applications	
User Access	64 Users online with Professional Autorithy Management
Mobile App	Provision Cam2 for iOS/Android
PC/Mac Software	Ossia VMS Standard / Enterprise
Plug-in free Web-Browser	Chrome, FireFox, Safari, Edge, Opera. (All Limited to 4Ch Live View / Playback) *P2P WEB connetion always requires Plugin
Plug-in based Web-Browser	Internet Exporer
Playback	
Local	4Ch
Remote	4Ch

NVR5-4100PXN(MM)

Search Mode	DDA Object, Smart Search, LPR, Time-Slice, Time, Event, POS
Backup	
USB	2 USB 2.0 Port
Backup Format	AVI (Unencrypted) / Private Format (Encrypted / Unencrypted)
Alarm	
Alarm-in	Based on IPC only
Alarm-out	Based on IPC only
Storage	
HDD	1
E-Sata Support	No
RAID	N/A
PTZ	
Connection	via Network
Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
RS-485	N/A
Network	
Ethernet	10/100Mbps self-adaptive Ethernet interface
Protocols	TCP/IPv4/IPv6, DHCP, DDNS, NTP, SMTP, SSL/TLS, UPnP, P2P, RTSP, HTTPS, 820.1X, SNMP, Auto Report (Ossia VMS)
ONVIF	Full Device Support (Profile T/G, ONVIF Version 20.12)
PoE	
PoE Ports	4xRJ45
Speed	10/100Mbps (10Mbps Under CCTV Mode)
Standard	PoE (IEEE802.3AF/AT)

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CCTV Mode	Yes (Up to 200m and 10Mbps bandwidth)
Total Power	40W (Average 10W per Channel)
Max. Power Output (Per Ch.)	~25.5W

Others	
Power Supply	DC48V/1.36A
Power consumption (No HDD)	5W
Dimension	W255xD220xH45mm
Operation Temperature	0°C~50°C

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DIMENSIONS

