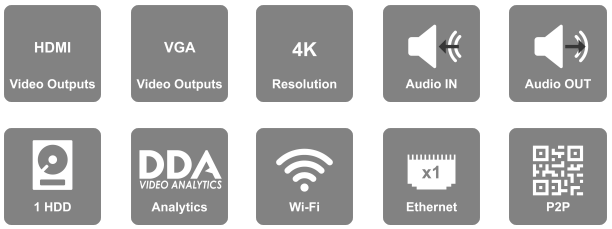
NVR8-4100WIPN-KIT

4CH 8MP NVR with alarms, and NDAA compliance

Provision-ISR's Wi-Fi NVR8-4100WIPN-KIT offers a seamless solution tailored for mid-sized installations (up to 4 channels). compliance with NDAA requirements, this device provides all the essential features for a wireless hassle-free CCTV project. Please note that this NVR is compatible with the kit's WiFi cameras as well as all Provision-ISR cameras.



MAIN FEATURES

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

Bandwidth:
- Incoming: 32Mbps
- Outgoing: 64Mbps

Decoding Support:
- H.265+/H.265/H.264

Analytics:
- Camera Tampering, DDA2 With Object Classification, Line Crossing (DDA / Pixel Based), Sterile Area (DDA / Pixel Based), Object Monitoring, Loitering Detection, Illegal Parking, Audio Exception, Heat Map, Object Counting (Line),Object Counting (Area), Smart Search, Face Detection, LPR, Thermal, Crowd Gathering, People Intrusion

Recording:
- 4CH 8MP Real-Time
- FPS: 100 (PAL) / 120 (NTSC)

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

Audio:
- Input: IPC Inputs Only
- Output: 1CH + IPC Output

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

Storage:
- 1 x SATA (Up to 10TB each)

USB Port:
- 2 USB 2.0 Port

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

Remarks:
- The following features are based on firmware v1.4.12_90695_RD261014 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
Output	HDMI (4K, 1080P, 1280x1024, 1024x768), VGA (1080P, 1280x1024, 1024x768)
View Mode	Mirrored
Fish-Eye Dewarp	VMS + Web Only (1 at a time)
Decoding Format	H.265+ / H.265 / H.264
Decoding Capabilities	1Ch – 8MP ; 4Ch – D1

Audio	
Audio-specs-Input	IPC inputs
audio-specs-Output	1CH 3.5
Compression	G.711A/G.711U
Two Way Audio	No

Record/ Main Stream	
Real-Time Recording	4CH 8MP Real-Time
Record Type	Video / Video + Audio
Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS and all of the combinations
16MP	N/A
12MP	N/A
8MP	120FPS(NTSC)/100FPS(PAL)

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5MP and lower	120FPS(NTSC)/100FPS(PAL)
Master stream over network	Up to 4CH@Recording Resolution

Analytics	
Supported Analytics	Camera Tampering, DDA2 With Object Classification, Line Crossing (DDA / Pixel Based), Sterile Area (DDA / Pixel Based), Object Monitoring, Loitering Detection, Illegal Parking, Audio Exception, Heat Map, Object Counting (Line),Object Counting (Area), Smart Search, Face Detection, LPR, Thermal, Crowd Gathering, People Intrusion
Analytics Channels (IPC Based)	4Ch (Requires supporting IPC)
Analytic Channels (NVR Based)	N/A
Face Recognition Rate	N/A

Bandwidth	
Incoming	32Mbps
Outgoing	64Mbps

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 Authority 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 Explorer

Playback	
Local	4Ch
Remote	4Ch

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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
HDD Max Capacity	10TB
E-Sata Support	No
Total HDD Max Capacity	10TB
RAID	N/A

PTZ	
Connection	Via Network
Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
RS-485	N/A

Network		
Ethernet	100/10Mbps self-adaptive Ethernet interface	
Protocols	TCP/IPv4/IPv6, DHCP, DDNS, NTP, SMTP, SSL/TLS, UPnP, P2P, RTSP, FTP, HTTPS, 820.1X, SNMP, Auto Report Input + Output (Ossia VMS), WIFI	WiFi Standard: IEEE802.11b/g/n Frequency: 2.4GHz Antenna Structure 2*2MIMO Security: WEP, WPA-PSK/WPA2-PSK Wireless Range: 20m, HTTP Post
ONVIF	Full Device Support (Profile T/S/G, ONVIF Version 20.12)	

PoE	
PoE Ports	N/A

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Speed	N/A
Standard	N/A
CCTV Mode	N/A
Total Power	N/A
Max. Power Output (Per Ch.)	N/A

Others	
Power Supply	DC 12V/1.5A
Power consumption (No HDD)	5W
Dimension	W255xD220xH45mm

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DIMENSIONS