Provision-ISR DVRs feature the advanced H.264-H265 video compression format for maximum video quality alongside minimum storage volume. Their Dynamic Hybrid function allows installers to decide how the analog channels will work according to the installation needs, making this installation totally dynamic.

PROVISION ISR
PROTECTING YOUR PRIVACY

SH-8100A5N-2L(MM)-V3

8CH "4 in 1" + 2CH IP Dynamic Hybrid DVR

Provision-ISR SH-8100A5N-2L(MM)-V3 is a high-quality dynamic hybrid digital video recorder obtainable in an elegant mini metal case. This technology allows users to add advanced IP cameras alongside analog ones and enjoy high-quality images and other advanced features available on IP cameras only. The recorder supports Provision-ISR Standard Video Analitycs (Pixel Based).

8 CH

2 MP LITE



2MP lite Resolution

CoC Control over coax

NDAA

4 IN 1

HYBRID DVR

AI ENGINE

MAIN FEATURES

Video Input:
- 8CH Standard BNC + 2CH IP

Video Output:
- HDMI - FHD
- VGA

Recording:
- HD Analog: 2MP Lite: Up to 12/15FPS Per Channel
- CVBS: 960H: Up to 12/15FPS Per Channel
- IP: Up to 5MP@25fps

Playback:
- Local: 8Ch Simultaneously
- Remote: 4Ch Simultaneously

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

Alarm:
- Input: IP Cameras only
- Output: IP Cameras only

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

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

PTZ Support:
- CoC / IP over Network

Power Supply:
- DC12V/1.5A

Analytics:

AI by IPC:

- DDA1 Analytics Supported by the camera

Remarks:
- The following features are based on firmware v1.4.5_86853_RD260325 and are subject to firmware version changes.

SH-8100A5N-2L(MM)-V3

SPECIFICATIONS

NDAA Compliant	
NDAA Compliant	Yes

General	
Technology	Hybrid DVR
Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS
Format	“All in 1” Hybrid (AHD / CVI / TVI / CVBS + IP)

Video Input	
Video Input (Max Analog)	8CH Standard BNC + 2CH IP (Over Network)
Video Input (Max IP)	10CH IP (Over Network) + 0CH Standard BNC
3K Input Support	No

Video Output	
Video Output	HDMI(1920x1080), VGA (1280x1024, 1024x768)
Dual Output	Mirrored

Audio	
Audio-In	1CH RCA (2.0 Vp-p, 1 kΩ) (+IP Cameras)
Audio-Out	1CH RCA (linear, 600Ω) (+IP Cameras)
Audio Over Coax	Yes (TVI Only)
Two Way Audio	Yes
Audio Compression	G.711(U/A)

Events and Analytics	
SMD (Smart Motion Detection)	Up to 8Ch
AI Analytics for HD Analog	No
Pixel based Analytics for HD Analog	Line Crossing, Sterile Area (No Direction Choice)
AI Analytics for IPC	Line Crossing (With Direction Choice), Sterile Area, Object Monitoring, Camera Tampering, Smart Search

SH-8100A5N-2L(MM)-V3

Main Resolution and FPS	
IP Main Stream	Up to 5MP@25fps
AHD	2MP Lite / 1MP: Up to 12/15FPS Per Channel
TVI	2MP Lite: Up to 12/15FPS Per Channel
CVI	2MP Lite / 1MP: Up to 12/15FPS Per Channel
CVBS Main Stream	CVBS: 960H: Up to 12/15FPS Per Channel
Master Stream Over Network	8Ch

Network (Substream) Resolution and FPS	
HD Analog	1-25/30FPS@D1 Per Channel (FPS Restricted to Master Stream FPS)
IP Sub Stream	1-25/30FPS@D1 Per Channel
CVBS Sub Stream	1-25/30FPS@D1 Per Channel
Substreams over Network	50 (Outgoing bandwith limit applies)

Remote view	
Max Channel View	50Ch (Limited to Outgoing Bandwidth Capacity)

Video Compression	
Video Compression	H.265 (HEVC) / H.264

Record	
Recording Mode	Main Stream only

Remote Applications	
User Access	5 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

SH-8100A5N-2L(MM)-V3

Plug-in based Web-Browser	Internet explorer

Bandwidth	
Incoming	16Mbps
Outgoing	60Mbps

Playback	
Local Playback Channels	8Ch
Remote Playback Channels	4Ch
Search Modes	Time-Slice, Time, Event, File Management, Smart Search

Backup	
USB	2 USB 2.0 Port
Backup Format	AVI/DAT

Alarm	
Alarm-in	IP Cameras only
Alarm-out	IP Cameras only
Alarm Box Support	Yes

Storage	
HDD Max Capacity	6TB
Total HDD Max Capacity	6TB
Number of HDD	1
E-Sata	No

PTZ	
Connection	CoC / IP over Network
Supported Protocols	Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC

SH-8100A5N-2L(MM)-V3

Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus

Network	
Ethernet	100 Mbps (RJ-45)
Protocols	TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, SNMP, P2P, POS
ONVIF	Yes (For IP Channels)

Others	
Dimensions	W255xD220xH43mm
Power Supply	DC12V/1.5A
Operation Temperature	0°C ~50°C

SH-8100A5N-2L(MM)-V3

DIMENSIONS

