

DVR

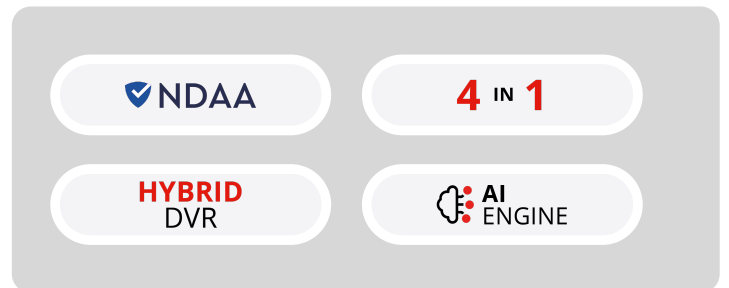
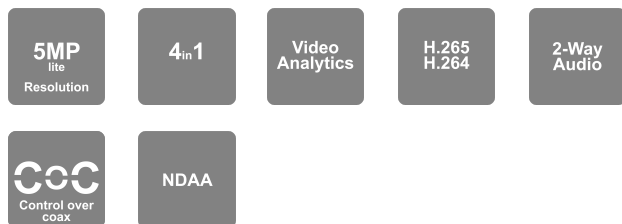
Provision-ISR DVRs feature the advanced H.264-H265 video compression format for maximum video quality alongside minimum storage volume. Their Dynamic Hybrid function allows installers to decide how the analog channels will work according to the installation needs, making this installation totally dynamic.



SH-4050A5N-5L(MM)-V2

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

Provision-ISR SH-4050A5N-5L(MM)-V2 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 complies with NDAA demands and supports Provision-ISR's DDA Video Analytics for analog & IP cameras.



MAIN FEATURES

- Video: Input: 4~2 Output: VGA: 1024x768/1280x1024/1920x1080 HDMI: 1024x768/1280x1024/1920x1080 CBS (Can be used as spot)
- Recording: HD Analog - 0-4 Channels AHD/TVI: 5MP Lite Max 10FPS Per Channel Resolution: 1280x1936 (PAL/NTSC) AHD/TVI/CVI: 4MP Lite Max 12/15FPS Per Channel Resolution: 1280x1440 (PAL/NTSC) AHD/TVI/CVI: 1080P Max 12/15FPS Per Channel Resolution: 1920x1080 (PAL/NTSC) (Supported Resolutions: 1080P Lite, 720P in Real-Time) CYBS: 960H Max 25/30FPS Per Channel Resolution: 960x576 (PAL) / 960x480 (NTSC) IP - 2-6 Channels IP: 5MP and lower Max 25/30FPS Per Channel Resolution: 2592x1944 (PAL/NTSC)
- Playback: 4 Channel Simultaneously (Local) 4 Channel Simultaneously (Remote)
- Analytics: For IP Channels: Line Crossing, Sterile Area, Object Monitoring, Camera Tampering and Smart Search. For HD Analog Channels: Line Crossing, Sterile Area and Smart Search.
- Bandwidth: Incoming: 16-36Mbps (Depends on Hybrid Configuration) Outgoing: 40Mbps III Audio: Input: 4 Channel (RCA) + IP Cameras inputs Output: 1 Channel (RCA) + IP Cameras outputs 2 Way audio
- Storage: 1 x SATA (Up to 8TB) al USB Port: 2 x USB2.0

- Network: RA-45: 100Mbps ml Alarm: Input: 4 (Dry-Contact) + IP Cameras inputs Output: 1 (Dry-Contact) + IP Cameras outputs
- PTZ / Keyboard: 1 x RS485 Protocol: CoC/Pelco DP/Visca (IP Over ONVIF) Package Contents:
 - Digital Video Recorder
 - USB Mouse
 - DC12V-2A Power Supply



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)	4CH Standard BNC + 2CH IP (over Network)
Video Input (Max IP)	6CH IP (over Network) + 0CH Standard BNC
Video Output	
Video Output	HDMI(1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)
Dual Output	Mirrored
Audio	
Audio-In	1CH RCA (2.0 Vp-p, 1 k Ω) (+IP Cameras)
Audio-Out	1CH RCA (2.0 Vp-p, 1 k Ω) (+IP Cameras)
Two Way Audio	Yes
Audio Compression	G.711u
Events and Analytics	
SMD Support	Yes
DDA Analytics (On Analog Channels)	Yes(1CH)
For AHD Cameras	Line Crossing, Sterile Area, Smart Search
For IP Cameras	Line Crossing (With Direction Choice), Sterile Area, Object Monitoring, Camera Tampering, Smart Search
Pixel Based Analytics	Yes (Pixel Based)
Main Resolution and FPS	
IP Main Stream	5MP and lower: 25/30FPS Per Channel

AHD	AHD 5MP Lite: up to 10FPS Per Channel, 4MP Lite / 2MP: up to 12/15FPS Per Channel, 2MP Lite / 1MP: up to 25/30FPS Per Channel
TVI	5MP Lite: up to 10FPS Per Channel, 4MP Lite / 2MP: up to 12/15FPS Per Channel, 2MP Lite / 1MP: up to 25/30FPS Per Channel
CVI	4MP Lite / 2MP: up to 12/15FPS Per Channel, 2MP Lite / 1MP: up to 25/30FPS Per Channel
CVBS Main Stream	CVBS: 960H: up to 25/30FPS Per Channel
Master Stream Over Network	4Ch

Network (Substream) Resolution and FPS	
HD Analog	1-25/30FPS@720P 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	30 (Outgoing bandwidth limit applies)

Remote view	
Max Channel View	30Ch (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 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)
Plug-in based Web-Browser	Internet Explorer

Bandwidth	
Incoming	16Mbps

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Outgoing	40Mbps
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Playback

Local Playback Channels	4Ch
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	No

Storage

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

PTZ

Connection	RS-485 / CoC / IP over Network
Supported Protocols	Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC
Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus

Network

Ethernet	100Mbps (RJ-45)
Protocols	TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P, POS

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ONVIF	Yes (for IP channels)
Others	
Dimensions	W255xD220xH43mm
Power Supply	12V/2A
Operation Temperature	0°C ~50°C

DIMENSIONS

