

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.



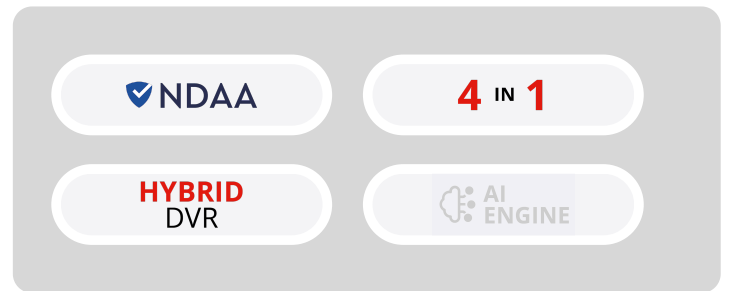
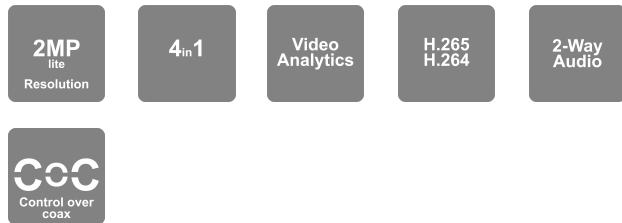
SH-16200A5N-2L(MM)

16CH "4 In 1" + 2CH IP Dynamic Hybrid DVR

Provision-ISR SH-16200A5N-2L(MM) 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 Analytics (Pixel Based).

16
CH

2
MP
LITE



MAIN FEATURES

- Video: Input: 4~2 Output: VGA: 1280x1024/1920x1080 HDMI: 1280x1024/1920x1080 / 3840x2160(4K) CYBS (Can be used as spot) Recording: HD Analog - 4 Channels AHD/TVI/CVI: 8MP Lite Max 12/15FPS Per Channel Resolution: 1920x2160 (PAL/NTSC) AHD/TVI: 5MP Max 12FPS Per Channel Resolution: 2560x1936 (PAL/NTSC) AHD/TVI: 5MP Lite Max 20FPS Per Channel Resolution: 1280x1936 (PAL/NTSC) AHD/TVI/CVI: 4MP Max 12/15FPS Per Channel 4MP Resolution: 2560x1440 (PAL/NTSC) AHD/TVI/CVI: 4MP Lite and lower Max 25/30FPS Per Channel 4MP Lite Resolution: 1280x1440 (PAL/NTSC) (Supported Resolutions: 1080P, 720P) CYBS: 960H Max 25/30FPS Per Channel Resolution: 960x576 (PAL) / 960x480 (NTSC) IP - 2 Channels IP: 8MP and lower Max 20FPS Per Channel Resolution: 3840x2160 (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: 16Mbps Outgoing: 40Mbps 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) 1 x eSATA (Up to 8TB) USB Port: 2 x USB2.0 Network: RJ-45: 100Mbps Alarm: Input: 4 (Dry-Contact) + IP Cameras inputs Output: 1 (Dry-Contact) + IP Cameras outputs I PTZ / Keyboard: 1 x RS485 Protocol:

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)	16CH Standard BNC + 2CH IP (Over Network)
Video Input (Max IP)	18CH 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	No
DDA Analytics (On Analog Channels)	No
For AHD Cameras	Line Crossing, Sterile Area (No Direction Choice)
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: 25FPS Per Channel, 4MP and lower: 25/30FPS Per Channel

AHD	AHD 2MP lite / 1MP: Up to 12/15FPS Per Channel
TVI	2MP lite / 1MP: Up to 12/15FPS Per Channel
CVI	2MP lite / 1MP: Up to 12/15FPS Per Channel
CVBS Main Stream	CVBS: 960H: Up to 25/30FPS Per Channel
Master Stream Over Network	16Ch

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	90 (Outgoing bandwidth limit applies)

Remote view

Max Channel View	90Ch (Limited to Outgoing Bandwidth Capacity)
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Video Compression

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

Recording Mode	Main Stream only
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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	80Mbps
Playback	
Local Playback Channels	16Ch
Remote Playback Channels	8Ch
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	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	100 Mbps (RJ-45)
Protocols	TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P, POS

SH-16200A5N-2L(MM)

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

DIMENSIONS

