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.

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SH-8100A5-8L(1U)

8CH "4 In 1" + 8CH IP Dynamic Hybrid DVR

Provision-ISR SH-8100A5-8L(1U) is a high quality digital video recorder featuring Dynamic Hybrid Technology. This technology allows the user to decide how the analog channels have to work according to the installation needs. The recorder features 8 alarm inputs + 2 alarm outputs and supports Provision-ISR Standard Video Analitycs.

8 CH

8 MP LITE

8MP lite Resolution

4in1

Video Analytics

H.265+ H.264

2-Way Audio

CoC Control over coax

NDAA

4 IN 1

DYNAMIC-HYBRID DVR

AI ENGINE

MAIN FEATURES

• Video Input:8CH Standard BNC + 8CH IP Video Output: HDMI - 4KVGACVBSRecording:HD Analog: 8MP Lite / 5MP / 4MP: Up to 15/12FPS Per Channel / 5MP Lite: Up to 20FPS Per Channel / 4MP Lite / 2MP / 1MP: Up to 25/30FPS Per Channel960H: Up to 30/25FPS Per ChannelIP: 8MP and lower: 25/30FPS Per ChannelPlayback:Local: 8Ch SimultaneouslyRemote: 8Ch SimultaneouslyAudio:Input: 8CH + IPC InputsOutput: 1CH + IPC OutputsAlarm:Input: 8+IPCOutput: 2+IPCStorage: 2 x SATA (Up to 8TB each)1 x E-SATA (Up to 8TB each)Network:1 x RJ-45: 10/100/1000MbpsPTZ Support: RS-485 / CoC / IP-Over NetworkPower Supply:DC12V/2AAnalytics:AI by IPC: DDA1 Analytics Supported by the cameraRemarks:The following features are based on firmware v1.3.8 and are subject to firmware version changes.

https://provision-isr.com

SH-8100A5-8L(1U)

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SPECIFICATIONS

NDAA Compliant	
NDAA Compliant	No

General	
Technology	Dynamic Hybrid
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 + 8CH IP (Over Network)
Video Input (Max IP)	16CH IP (Over Network) + 0CH Standard BNC
3K Input Support	No

Video Output	
Video Output	HDMI(4K, 1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)
Dual Output	Mirrored

Audio	
Audio-In	8CH RCA (2.0 Vp-p, 1 kΩ) (+IP Cameras)
Audio-Out	1CH RCA (2.0 Vp-p, 1 kΩ) (+IP Cameras)
Audio Over Coax	No
Two Way Audio	Yes
Audio Compression	G.711u

Events and Analytics	
SMD Support	No
DDA Analytics (On Analog Channels)	No
Pixel Based Analytics	Yes

Main Resolution and FPS

SH-8100A5-8L(1U)

IP Main Stream	8MP and lower: 25/30FPS Per Channel
AHD	8MP Lite / 5MP / 4MP: Up to 15/12FPS Per Channel, 5MP Lite: Up to 20FPS Per Channel, 4MP Lite / 2MP / 1MP: Up to 25/30FPS Per Channel
TVI	8MP Lite / 5MP / 4MP: Up to 15/12FPS Per Channel, 5MP Lite: Up to 20FPS Per Channel, 4MP Lite / 2MP / 1MP: Up to 25/30FPS Per Channel
CVI	4MP: Up to 15/12FPS Per Channel, 2MP / 1MP: Up to 25/30FPS Per Channel
CVBS Main Stream	960H: Up to 30/25FPS Per Channel
Master Stream Over Network	Up to 20Ch@Recording Resolution (with Outgoing Bandwidth Restriction)

Network (Substream) Resolution and FPS	
HD Analog	1-25/30FPS@1080P Per Channel
IP Sub Stream	1-25/30FPS@D1 Per Channel
CVBS Sub Stream	1-25/30FPS@D1 Per Channel
Substreams over Network	Up to Outgoing Bandwidth Capacity

Remote view	
Max Channel View	80Ch (Limited to Outgoing Bandwidth Capacity)

Video Compression	
Video Compression	H.265+H.264

Record	
Recording Mode	Dual Stream

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. (All Limited to 4Ch Live View / Playback)
Plug-in based Web-Browser	Internet Exporer

SH-8100A5-8L(1U)

Bandwidth	
Incoming	64Mbps (For 16 IP Channels) / 32Mbps (For 8 IP Channels)
Outgoing	96Mbps

Playback	
Local Playback Channels	8Ch
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	8+IPC
Alarm-out	2+IPC
Alarm Box Support	Yes

Storage	
HDD Max Capacity	8TB
Total HDD Max Capacity	24TB
Number of HDD	2
E-Sata	1

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

SH-8100A5-8L(1U)

Network	
Ethernet	1000 Mbps (RJ-45)
Protocols	TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P, POS
ONVIF	Yes (For IP Channels)

Others	
Dimensions	W375xD275xH45mm
Power Supply	DC12V/2A
Operation Temperature	0°C ~50°C

SH-8100A5-8L(1U)

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DIMENSIONS