

## DVR SERIES

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-8100A5N-5L

## 8CH "4 IN 1" + 4CH IP DYNAMIC HYBRID DVR

Provision-ISR SH-8100A5N-5L is a high-quality dynamic hybrid digital video recorder obtainable in an elegant small 1U 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).

<b>5MP</b> Lite Resolution	<table border="1"> <tr> <td>HD</td> <td>TVI</td> </tr> <tr> <td>CVI</td> <td>CVBS</td> </tr> </table> 4 in 1	HD	TVI	CVI	CVBS	 Analytics	<b>H.265</b> <b>H.264</b> Compression
HD	TVI						
CVI	CVBS						
 Alarm	 2-Way Audio	 Control over coax					



Hybrid Modes	HD Analog	8	all variations between	0
	IP	4		+ 12

## MAIN FEATURES

- Total Channels: 12
- Dynamic Hybrid 4 in 1
- Video output: HDMI(1080P), VGA, CVBS(Spot) - Mirrored
- HDD: 1 SATA (8TB) + 1 E-SATA (8TB)
- Alarms: 8 in + IPC / 2 out + IPC
- Audio: 8 RCA in + IPC / 1 RCA out + IPC



## SPECIFICATIONS

General	Technology	Hybrid DVR
	Video Compression	H.265 (HEVC) / H.264
	Audio Compression	G.711u
	Recording Mode	Main Stream only
	ONVIF	IP Channels only
	Format	"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)
Video	Video Input	8CH Standard BNC + 4CH IP (over Network)
	Video Output	HDMI(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)
	Two Way Audio	Yes
Main Resolution & FPS	IP	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	CVBS: 960H: Up to 25/30FPS Per Channel
	Master Stream Over Network	4Ch
Network (Sub-Stream) Resolution & FPS	IP	1-25/30FPS@D1 Per Channel
	HD Analog	1-25/30FPS@720P Per Channel (FPS Restricted to Master Stream FPS)
	CVBS	1-25/30FPS@D1 Per Channel
	Sub-Streams over Network	Up to Outgoing Bandwidth Capacity
General	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS
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

## SPECIFICATIONS

Bandwidth	Incoming	32Mbps
	Outgoing	60Mbps
Playback	Local/Remote	8Ch/4Ch
	Search Modes	Time-Slice, Time, Event, File Management, Smart Search
Analytics	Analytics Support	Yes (Pixel Based)
	For AHD Cameras	Line Crossing (No Direction Choice), Sterile Area, Smart Search
	For IP Cameras	Line Crossing (With Direction Choice), Sterile Area, Item Monitoring, Camera Tampering, 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	No
Storage	HDD	1 SATA (8TB)
	E-SATA	1 E-SATA (8TB)
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	100 Mbps (RJ-45)
	Protocols	TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P, POS
Others	Dimensions	W255xD220xH43mm
	Power Supply	12V/2A
	Operation Temperature	0°C ~50°C