

## DVR SERIES

All of Provision-ISR DVRs feature the advanced H.264-H265 video compression format to deliver maximum video quality, while using minimum storage volume. Their Dynamic Hybrid function allow the installer to decide how the analog channels have to work according to the installation needs, making this the installation totally dynamic.



# SH-16200A5N-5L(MM)

## 16CH "4 IN 1" + 8CH IP HYBRID DVR

Provision-ISR SH-16200A5N-5L(MM) is a high quality hybrid digital video recorder. This technology allows the user to add advanced IP cameras alongside the analog cameras and enjoy high quality image and other advanced features available on IP cameras only. The recorder, available in the elegant mini metal case, supports Provision-ISR Standard Video Analytics (Pixel Based).



## MAIN FEATURES

- Total Channels: 24
- 4 in 1
- Video output: HDMI(1080P), VGA, CVBS(Spot) - Mirrored
- HDD: 1 SATA (6TB)
- Alarms: IP Cameras Only
- Audio: 1 RCA in + IPC / 1 RCA Out + IPC



# SH-16200A5N-5L(MM)



## 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	16CH Standard BNC + 8CH IP (Over Network)
	Video Output	HDMI(1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)
	Dual Output	Mirrored
Audio	Audio-In	1CH 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: 30/25FPS Per Channel
	AHD	5MP Lite: Up to 10FPS Per Channel, 4MP Lite / 2MP: Up to 12/15FPS Per Channel, 2MP Lite: 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: Up to 25/30FPS Per Channel
	CVI	4MP Lite / 2MP: Up to 15/12FPS Per Channel, 2MP Lite: Up to 25/30FPS Per Channel
	CVBS	Not Supported
	Master Stream Over Network	16Ch
Network (Sub-Stream) Resolution & FPS	IP	1-25/30FPS@D1 Per Channel
	HD Analog	1-25/30FPS@1080P 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	User Access	5 Users Online with Professional Authority Management
	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS
	Applications	Provision Cam2 for iOS/Android, IE for Windows 7/8/10, Ossia VMS for Windows/MAC

# SH-16200A5N-5L(MM)

## SPECIFICATIONS

Bandwidth	Incoming	32Mbps
	Outgoing	80Mbps
Playback	Local/Remote	16Ch/16Ch
	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	IP Cameras Only
	Alarm-Out	IP Cameras Only
	Alarm Box Support	No
Storage	HDD	1 SATA (6TB)
	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	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