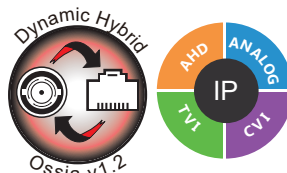


# 8+4 CH Dynamic Hybrid DVR

## SH-8100A5-5L(MM)



**2MP Lite** **5MP Lite** **5MP**



Hybrid Modes	HD Analog	8	7	6	5	4	3	2	1	0
	IP		4	5	6	7	8	9	10	11

<b>MODEL</b>		SH-8100A5-5L(MM)										
<b>System</b>	<b>Compression Format</b>		H.265 (HEVC) / H.264									
	<b>ONVIF</b>		Yes (For IP Channels)									
	<b>Format</b>		"All in 1" Hybrid (AHD / CVI / TVI / CVBS + IP)									
<b>Video</b>	<b>Input</b>	<b>Max. IP</b>	0CH Standard BNC + 12CH IP (Over Network)									
		<b>Max. Analog</b>	8CH Standard BNC + 4CH IP (Over Network) - <u>Default Setting</u>									
	<b>Standard Output</b>		HDMI(1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)									
<b>Audio</b>	<b>Input</b>		1CH RCA (2.0 Vp-p, 1 kΩ) (+IP Cameras)									
	<b>Output</b>		1CH RCA (2.0 Vp-p, 1 kΩ)(+IP Cameras)									
	<b>Two Way Audio</b>		Yes									
<b>Recording / Remote Application</b>	<b>Record/ Main Stream</b>	<b>AHD</b>	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									
		<b>TVI</b>	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									
		<b>CVI</b>	4MP Lite / 2MP: Up to 15/12FPS Per Channel, 2MP Lite / 1MP: Up to 25/30FPS Per Channel									
		<b>CVBS</b>	960H: Up to 30/25FPS Per Channel									
		<b>IP</b>	5MP / 4MP / 3MP / 2MP / 1MP: Up to 25/30FPS Per Channel									
		<b>Master Streams over Network</b>	Up to 4Ch@Recording Resolution (Up to 40Mbps)									
	<b>Sub Stream</b>	<b>HD Analog</b>	1-25/30FPS@720P Per Channel (FPS Restricted to Master Stream FPS)									
		<b>CVBS</b>	1-25/30FPS@D1 Per Channel									
		<b>IP</b>	1-25/30FPS@D1 Per Channel									
	<b>General</b>	<b>Sub-Streams over Network</b>	Restricted to 60Mbps									
		<b>User Access</b>	5 Users Online with Professional Authority Management									
		<b>Recording Modes</b>	Schedule, Manual, Motion, Sensor, Analytics, POS									
	<b>Applications</b>		Provision Cam2 for iOS/Android, IE for Windows 7/8/10, Safari for Mac OS, CMS for Windows/MAC									
<b>Bandwidth</b>	<b>Incoming</b>		60Mbps (For 6 IP Channels) / 32Mbps (For 2 IP Channels)									
	<b>Outgoing</b>		60Mbps									
<b>Playback</b>	<b>Local / Remote</b>		8CH / 4CH									
	<b>Search Mode</b>		Time-Slice, Time, Event, File Management, Smart Search									
<b>Analytics</b>	<b>For HD Analog Cameras</b>		Line Crossing (No Direction Choice), Sterile Area									
	<b>For IP Cameras</b>		Line Crossing (With Direction Choice), Sterile Area, Object Monitoring, Camera Tampering, Smart Search									
<b>Backup</b>	<b>USB</b>		2 USB 2.0 Port									
	<b>Backup Format</b>		AVI/DAT									
<b>Alarm</b>	<b>Input</b>		IP Cameras only									
	<b>Output</b>		IP Cameras only									
<b>Storage</b>	<b>HDD</b>		1 SATA (8TB)									
	<b>E-SATA</b>		No									
<b>PTZ</b>	<b>Connection</b>		RS-485 / CoC / IP-Over Network									
	<b>Supported Protocols</b>		Pelco D, Pelco P, Samsung, Visca, ONVIF, CoC									
	<b>Supported Controls</b>		Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus									
<b>Network</b>	<b>Ethernet</b>		100 Mbps (RJ-45)									
	<b>Protocols</b>		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P, POS									
<b>Others</b>	<b>Dimension</b>		W255xD220xH43mm									
	<b>IR Controller</b>		Yes									
	<b>Power Supply</b>		12V/2A									
	<b>Operation Temperature</b>		0°C ~50°C									