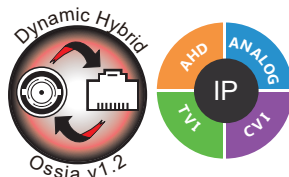


4+1 CH Dynamic Hybrid DVR

SH-4050A-2



1080P Lite 1080P

1080P



Hybrid Modes	HD Analog + IP	4 + 1	3 + 2	2 + 3	1 + 4	0 + 5
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MODEL		SH-4050A-2 [Ossia v1.2]				
System	Compression Format		High profile H.264			
	ONVIF		Yes (for IP Channels)			
	Format		"All in 1" Hybrid (AHD / CVI / TVI / CVBS) + IP			
Video	Input	Min.	0CH Standard BNC + 5CH IP (Over Network)			
		Max.	4CH Standard BNC + 1CH IP (Over Network) - <u>Default Setting</u>			
Standard Output		HDMI(1920x1080), VGA (1280x1024, 1024x768), CVBS(Spot)				
Audio	Input		4CH RCA (2.0 Vp-p, 1 kΩ)1CH (+IP Cameras)			
	Output		1CH RCA (2.0 Vp-p, 1 kΩ)			
	Two Way Audio		Yes			
HD Analog Recording	General	Channels &Resolution	Min.	No Channels (IP Channels Only)		
			Max.	4CH 1080P Half Real-Time (With 1CH IP) - <u>Default Setting</u>		
	Recording Modes		Schedule, Manual, Motion, Sensor			
	AHD / TVI / CVI	5MP		No		
		4MP		No		
		2MP (1080P)		Up to 15/12FPS Per Channel		
		2MPL (1080P Lite) and lower		30/25FPS Per Channel		
CVBS	960H		30/25FPS Per Channel			
IP Recording	General	Channels &Resolution	Min.	1CH 1080P Real-Time (With 4CH Analog) - <u>Default Setting</u>		
			Max.	5CH 1080P Real-Time (No Analog CH)		
	Recording Modes		Schedule, Manual, Motion, Sensor, Analytics			
IP	3MP And Higher		No			
	2MP and Lower		30/25FPS Per Channel			
Playback	Local / Remote		4CH / 4CH			
	Search Mode		Time-Slice, Time, Event, File Management			
Backup	USB		2 USB 2.0 Port			
	Backup Format		AVI/DAT			
Remote Application	HD Analog Stream		Master Stream 1-25/30FPS@720P/1080PL / 1-12/15FPS@1080P; Sub-Stream: Up to 1-25FPS@720P			
	Analog Stream		Master & Sub-Stream 1-25/30FPS@960H			
	IP Stream		Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1			
	Master Stream		Up to 12Ch@Recording Resolution			
	Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)			
	CMS		Yes			
	Mobile Application		Provision Cam2 for iOS/Android			
User Access		5 Users Online with Professional Authority Management				
Alarm	Input		4CH (+IP Cameras)			
	Output		1CH (+IP Cameras)			
Storage	HDD		1 SATA (8TB)			
	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)			
	Protocol		TCP/IP, DHCP, DDNS, NTP, SMTP, RTSP, HTTPS, FTP, SNMP, P2P			
	Bandwidth	Incoming	20Mbps (For 5 IP Channels) / 4Mbps (For 1 IP Channels)			
		Outgoing	12Mbps			
Others	Dimension		W300xD250xH50mm			
	IR Controller		Yes			
	Power Supply		12V/2A			
	Operation Temperature		0°C ~50°C			

4 CH 4in1 + 1 CH IP Hybrid DVR

SH-4050A-2



ossia

1080P Lite 1080P

1080P



MODEL		SH-4050A-2	
System	Compression Format	High profile H.264	
	ONVIF	Yes	
	Format	4in1 Hybrid (AHD / CVI / TVI / CVBS + IP)	
Video	Input	4CH Standard BNC + 1CH IP (Over Network)	
	Standard Output	HDMI, VGA (800x600, 1024x768), CVBS(Spot)	
Audio	Input	4CH	
	Output	1CH	
	Two Way Audio	Yes	
Recording	AHD / CVI / TVI	Real-Time Recording	4CH 1080P Half Real-Time
		2MP (1080P)	60FPS (NTSC)/50FPS (PAL) Total. Up to 15/12FPS Per Channel
		2MPL (1080P Lite)	120FPS (NTSC)/100FPS (PAL)
		1MP (720P)	120FPS (NTSC)/100FPS (PAL)
	Analog	Real-Time Recording	4CH 960H Real-Time
		960H	120FPS (NTSC)/100FPS (PAL)
		D1	No
		CIF	No
	IP	Real-Time Recording	1CH 1080P Real-Time
		3MP	No
		2MP (1080P)	30FPS (NTSC)/25FPS (PAL)
		1.3MP (960P)	30FPS (NTSC)/25FPS (PAL)
	General	1MP (720P)	30FPS (NTSC)/25FPS (PAL)
		Recording Modes	Schedule, Manual, Motion, Sensor
Playback	HD Analog/CVBS Playback	4CH	
	IP Playback	4CH	
	Search Mode	Time, Event, File Management	
Backup	USB	2 USB 2.0 Port	
	DVD Burner	No	
	Backup Format	AVI/DAT	
Remote Application	HD Analog Stream	Master Stream 1-25/30FPS@720P / 1-12/15FPS@1080P; Sub-Stream: Up to 1-25FPS@720P	
	Analog Stream	Master Stream 1-25/30FPS@960H; Sub-Stream Up to 1-25FPS@960H	
	IP Stream	Master Stream 1-25/30FPS@1080P; Sub-Stream Up to 1-25/30FPS@D1	
	Master Stream	Up to 12Ch@Recording Resolution	
	Browser	IE, Safari, Firefox (Mac OS, Windows XP/Vista/7/8/10)	
	CMS	Yes	
	Mobile Application	Provision Cam2 for iOS/Android	
User Access	5 Users Online with Professional Authority Management		
Alarm	Input	4CH	
	Output	1CH	
Storage	HDD	1 SATA (6TB)	
	E-SATA	No	
PTZ	Connection	RS-485 / CoC	
	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)	
	Protocol	TCP/IP, DHCP, DDNS, NTP, SMTP, P2P	
Others	Dimension	W300xD250xH45mm	
	IR Controller	Yes	
	Power Supply	12V/2A	
	Operation Temperature	0°C ~50°C	