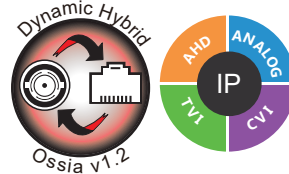


16+4 CH Dynamic Hybrid DVR

SH-16200A-2 (1U)



1080P Lite 1080P

3MP



Hybrid Modes	HD Analog	16	15	14	13	12	11	10	9	8
	IP	4	5	6	7	8	9	10	11	12

MODEL		SH-16200A-2(1U) [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.	8CH Standard BNC + 12CH IP (Over Network)										
		Max.	16CH Standard BNC + 4CH IP (Over Network) - <u>Default Setting</u>										
	Standard Output		HDMI, VGA (1920x1080, 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.	8CH 1080P Half Real-Time (With 12CH IP)							Max.	16CH 1080P Half Real-Time (With 4CH 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.	4CH 3MP Real-Time (With 16CH Analog) - <u>Default Setting</u>							Max.	12CH 3MP Real-Time (With 8CH Analog)	
		Recording Modes		Schedule, Manual, Motion, Sensor, Analytics									
	IP	3MP (Max Resolution)		30/25FPS Per Channel									
2MP and Lower		30/25FPS Per Channel											
Playback	Local / Remote		16CH/9CH										
	Search Mode		Time-Slice, Time, Event, File Management										
Backup	USB		1 USB 2.0 Port + 1 USB 3.0 Port										
	Backup Format		AVI/DAT										
Remote Application	HD Analog Stream		Master Stream 1-25/30FPS@720P/1080P Lite / 1-12/15FPS@1080P; Sub-Stream: Up to 1-12/15FPS@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 24Ch@Recording Resolution										
	Browser		Safari (Mac OS) IE (Windows Vista/7/8/10)										
	CMS		Yes										
	Mobile Application		Provision Cam2 for iOS/Android										
User Access		10 Users Online with Professional Authority Management											
Alarm	Input		4CH + IP Cameras										
	Output		1CH + IP Cameras										
Storage	HDD		2 SATA (8TB Each) with smart management										
	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	60Mbps (For 12 IP Channels) / 24Mbps (For 4 IP Channels)										
		Outgoing	50Mbps										
Others	Dimension		W375xD275xH45mm										
	IR Controller		Yes										
	Power Supply		DC12V/4A										
	Operation Temperature		0°C ~50°C										