



Product Data Sheet

Model : OPT-256-16ST-4HD-PVR

(Professional 256 Channel 12 MP 16 SATA 1024 Mbps NVR)

- Up to 256-Channel IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Recording Compression : 4K:240fps 4MP:480fps 2MP:960fps
Up to 1024 incoming bandwidth
- 16 SATA interfaces for HDD connection (up to 18 TB capacity per HDD)
16-ch synchronous playback



Video

Recording Bandwidth	Resolution	12MP,8MP,5MP, 3MP ,2MP(1080P),1.3MP(960P),1.0MP(720P)
	Inputs	1024M
	Out	800M

Performance

Live/Playback	Compression	Audio: G.711A /G.711U Video : H.264/H.265/H.264+/H.265+
	Frame rate	4K:240fps / 4MP:480fps / 2MP:960fps
	Event	MD(Sensitivity Level 1~8) Video loss Beep, Email, Push notification to Mobile APP
	Playback Function	Fast forward / backward (2x, 4x, 8x,16x) Slow forward (1/2x, 1/4x, 1/8x,1/16x)
	Playback	Max 16CH playback
RAID	RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10
UI/Monitoring	Fisheye	Support
	Local	UI5.0
	WEB	IE10/11 / Safari V12.1 above /Firefox V.52 above Google chrome V.57 above / Edge V.79 above
	Mobile viewer	Rxcamview
AI		Face Detection, Pedestrian Detection, Vehicle Detection Cross Counting, Heat Map, Crowd Density Detection Perimeter Intrusion Detection, Line Crossing Detection Queue Length Detection, License Plate Detection Rare Sound Detection



Interface

P/W Reset	P/W Reset	YES
	HDMI	3 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 1920*1080 , 1600*1200, 1920*1200, 3840*2160/7680*4320/EDID Async out If the output resolution of HDMI 1 is set to 8K, the maximum output resolution of HDMI 3 and 4 will be limited to 1080P, and HDMI 2 will be disabled. 1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 /EDID) Async out
	Ethernet	2 RJ45 1000 Base-T
	USB	USB2.0*1(front) / USB3.0*2(rear)
	Audio out	1
	E-sata	1
	HDD	16 SATA HDD, up to 18TB (Enterprise-Class)
	Line in	1
	RS232	1*RJ45
	RS485	1
	Alarm Input/out	16in /1out

General

OSD Language		English/French/Spanish/Portuguese/German/Italian/Greek Danish/Finnish/Russia/Hebrew/Turkish/Bulgarian/Arabic Korean/Japanese/Thai/Hindi/Romanian/Dutch/Polis
Mechanical design	Dimension (WxDxH)	440*460*149mm
Electrical	Input Voltage Current	ATX 250W
	Power consumption (excluding hard disk)	8W
Environmental	Operating Temperature Humidity	Temperature : -10°C~+50°C (14°F ~ 122°F) Humidity : Less than 90%RH



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