

12MP 256CH 16HDDs Network Video Recorder

- Up to 256-Channel 4K IP Camera Input
- H.265 Encoding & Decoding
- ONVIF Compatible
- 4 HDMI Outputs (Up to 8K)
- Dual Gigabit LAN Ports
- 16 HDD Bays + eSATA
- Advanced AI: Face, Human, Vehicle & LPR
- Remote Access (PC & Mobile)
- Alarm & Voice Intercom Support
· NDAA Compliant
· Free App and Software

Video	
Resolution	12MP,8MP,5MP, 3MP ,2MP(1080P),1.3MP(960P),1.0MP(720P)
Recording Bandwidth Inputs	1024M
Recording Bandwidth Outputs	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) Videlo loss 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
	Fisheye	Support

UI/Monitoring	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	AI COLOR PRO

AI	Face Detection, Pedestrian Detection, Vehicle Detection, Cross Counting, Heat Map, Crowd Density Detection, Perimeter Intrusion Detection, Line Crossing Detection, Queue Legth Detection, License Plate Detection, Rare Sound Detection

Interface	
P/W Reset	Yes
Monitors HDMI	3(1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080, 2560*1440, 3840*2160/7680*4320/EDID)Async out
HDMI	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 /4out
General	
OSD Language	English/French/Spanish/Portuguese/German/Italian/Greek/Danish/Finnish/ Hebrew/Turkish/Bulgarian/Arabic/Korean/Japanese/Thai/Hindi/Romanian/Dutch/ Polish
Dimension (WxDxH)	440*460*149mm
Input Voltage/Current	ATX 250W
Power consumption (excluding hard disk)	9W
Weight	22lbs
Operating Temperature/Humidity	Temperature : -10°C~+50°C (14°F ~ 122°F) Humidity : Less than 90%RH

User Manual

AI Color Pro App