



CA-N102560D-E4HL

256CH 4K Enterprise Network Video Recorder



Save Storage



High Performance



AI by Camera



Mobile App



VMS



HDMI Output



Enterprise Series

- Up to **256** Channel IP camera input
- Supports IP cameras with up to **12MP** resolution
- Supports **16x SATA** HDD, up to 18 TB (Enterprise-Class)
- Up to **1024Mbps** Incoming and **800Mbps** Outgoing Bandwidth
- Efficient Compression Technology H.265/H.265+/H.264/H.264+/MJPEG
- HDMI Output Supports Up to 4K Resolution
- Video Management System (VMS), Mobile App (iOS; Android)
- AI Functions: Perimeter intrusion, Line Crossing, Object Detection, Pedestrian & Vehicle Detection, Face Detection, Cross Counting, Sound Detection, Video Tampering, Cross Counting, intrusion, Enter Region, Exit Region, Schedule.



I Specifications

Model Name		CA-N10256OD-E4HL
Video		
IP Camera	Resolution	12MP, 8MP, 5MP, 3MP, 2MP(1080P), 1.3MP(960P), 1.0MP(720P)
	IP Video Input	256-Channel
Recording Bandwidth	Incoming	1024Mbps
	Outgoing	800Mbps
Performance		
Live/Playback	Compression	Audio: G.711a Video : H.264/H.265
	Frame rate	12MP: 90fps 8MP: 360fps 4MP: 720fps 2MP: 1440fps;
	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
	Voice Command	Home Device: Google Assistant, Amazon Alexa
	Fisheye	Support Dewarp
	Network	Protocal
WEB		IE10/11 Safari V12.1 above Firefox V.52 above Google chrome V.57 above Edge V.79 above
Mobile viewer		Yes
Push Notification		P2P

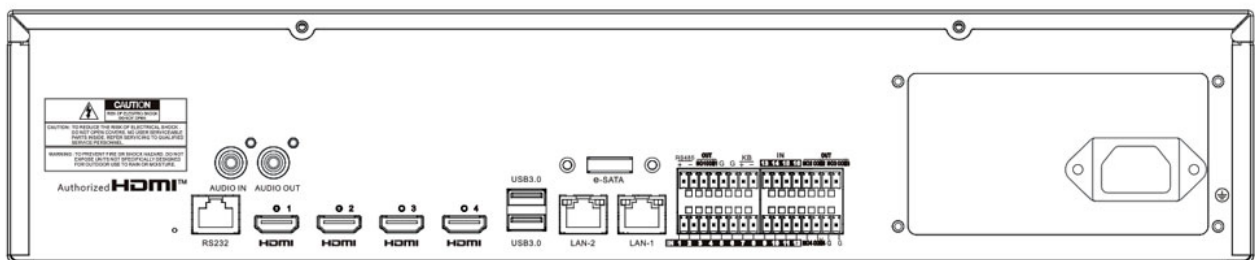


Interface		
P/W Reset		YES
Monitors	VGA	1-Port (1024*768, 1280*720, 1280*1024, 1440*900)
	HDMI 1	3 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/7680*4320/EDID) Async out
	HDMI 2	1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 / EDID) Async out
Connections	PoE	N/A
	Ethernet	2 RJ45 100/1000 Base-T
	USB	USB2.0*1(front); USB3.0*2(rear)
	RAID	RAID0, RAID1, RAID5, RAID6, RAID10
	HDD	16 SATA HDD, up to 18TB (Enterprise-Class)
	E-SATA	1
	Audio	1 Input(RCA), 1 Output (RCA)
	Alarm	16 Input / 4 Output
RS-485	1	
AI Features		
		SMD
	Smart Motion Detection	Perimeter intrusion, Line Crossing, Object Detection, Pedestrian & Vehicle Detection, Face Detection, Cross Counting, Sound Detection, Video Tampering, Cross Counting, Intrusion, Enter Region, Exit Region, Schedule
Alarm		
	General Alarm	Motion Detection, PIR, Combined Alarm, PTZ Linkage, Alarm Schedule, Deterrence, Siren, Alarm Disarm
	Exceptions Alarm	HDD Full, Disk Error, Video Loss
General		
System	OS	Embedded Linux
	OSD Language	English/French/Spanish/Portuguese/German/Italian/Greek/Danish/Finnish/Russia/Hebrew/Turkish/Bulgarian/Arabic/Korean/Japanese/Thai/Hindi/Romanian/Dutch/Polish
Third-party Camera Access		RS API/Onvif (profile S/G/T)



Installation wizard		Yes
Mechanical design	Dimension (WxDxH)	440*460*149mm
Electrical	Input Voltage/ Current	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

Physical Interface



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*All pictures and specifications are for reference only
And are subject to change without prior notice.