Milesight

Milesight OpenVision Server Mini

All-in-one Intelligent Monitoring Workstation

NDAA

nx



Pre-installed NX for Instant Setup

Linux-based & Stable Operation

AI

Empower Camera Analytics on NX with Built-in Plugin

Flexible Deployment for Diverse Edge Scenarios

Cost-Effective & Low Power Consumption

Nx

Multi-Instance Central Management

KEY FEATURES

- Linux Ubuntu 24.04 LTS
- 2 SSD Slots with Up to 8TB Storage
- Flexible Power Supply via PoE & DC 12V
- Wide Temperature Range from -20℃ to 60℃
- Compact Size and Fanless Design
- Versatile and Convenient Installation Choices
- Web-based Remote Access and Firmware Upgrade

Make Sensing Matter

www.milesight.com

Milesight OpenVision Server Mini



	Model	SE0208-K/NX	SE0208-K/NX/A05
System	Main Processor	Intel Quad Core @3.40 GHz Max	
	Memory	4GB LPDDR5	
	Firmware Storage	32GB eMMC	
	Operating System	Linux Ubuntu 24.04 LTS	
	GPU Options	Integrated GPU	
	TPM	fTPM	
	Auto Power On	Support	
Storage	Supported SSD	Max 8TB, up to 4TB per disk	
	SSD Slot	2* M.2 M-Key SSD	
Network	Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Client), SMTP, ICMP, IGMP, ARP, DNS, DDNS, SNMP(Client), HTTPS, ONVIF	
Audio	Compression	G.711/AAC/G.726	
	Audio Communication	2-way	
Performance	Inputs	Max. 8CH	
	Image Resolution	12MP ~ CIF	
	Network Bandwidth	Max. 80Mbps Recording, Max. 160Mbps Outgoing	
	Video Compression	H.265, H.264, MJPEG	
	Video Resolution	12MP ~ CIF	
	Storage Mode	Continuous, Motion, Events, Objects, Dual Stream	
	Edge Analytics	Analytics Events (Based on camera metadata): **CCTV** (Intrusion Detection/ Region Entrance/ Region Exit/ Advanced Motion Detection/ Line Crossing/ Loitering/ Object Left/Object Removed/ Object Counting/ Regional People Counting); **LPR** (Attribute Event/ Black List/ White List/ Visitor Event/ Speed Monitoring/ No Plates/ Reverse Driving); **Object Detected Events** (person and vehicle with attribute/ face)	
		Smart Search (Based on camera metadata): **CCTV:** Person (Hat, Top Clothing Color, Bottom Clothing Color), Vehicle (Vehicle Type), Face (Gender, Age, Mask, Cap, Glasses); **LPR:** Vehicle (Color, Vehicle Type, Brand, Speed, Direction), License Plate (Number, Color, Country, Plate Type)	

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Application	NX Witness Server	Support (Include Plug-in)	
	NX Witness Client	Support	
	ONVIF Device	Support	
Management	Web Management	Support	
	Basic Event	Audio Alarm,Network Disconnected, IP Address Conflict SSD Full,SSD Uninitialized, SSD Error, No SSD	
	Maintenance	Firmware Upgrade, Auto Reboot	
Interface	Ethernet	1*2500Mbps RJ45 Ethernet Port, support POE PD	
	Display	2* Micro HDMI Port	
	Audio	1 x Headphone Jack with Microphone Input	
	Alarm I/O	4/2	
	Indicator light	2	
	Reset Button	Yes	
	USB Interface	3*USB 3.0, 1*USB 2.0	
	Power Supply	PoE+ (802.3at) / DC 12V±15% (5525 DC power plug)	
General	Consumption	Typical: 6W (Without SSD, DC), 7W (Without SSD, POE) MAX: 16W (With SSD, DC), 18W (With SSD, POE)	
	Working Temperature	-20°C to 60°C	
	Working Humidity	10% to 90% RH (No freezing and no condensation)	
	Dimension	135mm(W) X 140mm(D) X 40mm(H) (Without Mount)	
	Installation	VESA Mount	DIN Rail Mount, VESA Mount, Bracket Mount
	Net Weight	0.99 Kg	1.0 Kg
	Package Weight	1.3 Kg	
	Warranty	3 Years	

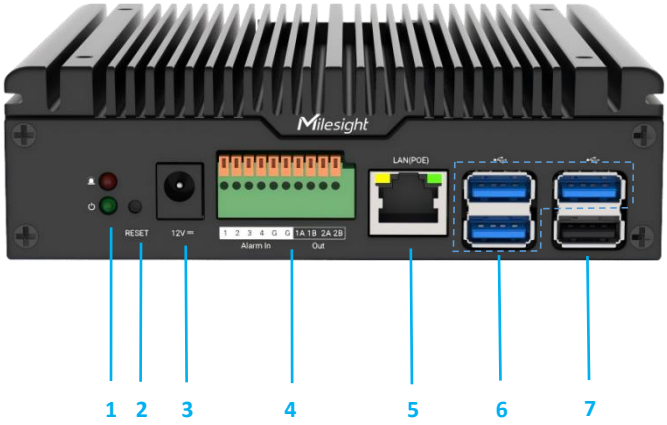
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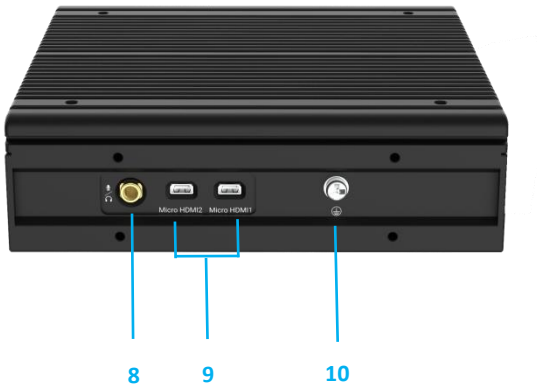
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Interfaces

SE0208-K/NX





1 - 2*Indicator Light
2 - Reset Button
3 - Power Port (DC 12V)
4 - Alarm I/O
5 - Power Port (PoE)
6 - 3*USB 3.0
7 - 1*USB 2.0
8 - Audio
9 - 2*Micro HDMI Port
10 - Grounding Hole

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