

# Milesight OpenVision Server



DATASHEET

## KEY FEATURES

Ubuntu20.04 Desktop on M.2 SSD

Nx Witness Server Preinstalled

Calendar / Event / Bookmark / Smart Search

Dual Stream Recording, N+M Failover Support

Server Clustering Support

HDMI, DP Display Port Support

2 SATA Disks Support

# Milesight OpenVision Server



	Model	VE0201-A-K/Nx
Image	Inputs	Max. 16CH
	Resolution	12MP ~ CIF
Operating System	Embedded	Linux(Ubuntu 20.04 Desktop)
Record	Compression	H.265, H.264, MJPEG
	Recording Bandwidth	Max. 400Mbps
	Resolution	12MP ~ CIF
	Mode	Continuous, Motion, Events, Objects, Dual Stream
	Event Analytics	Analytics Events: LPR (Attribute Event/ Black List/ White List/ Visitor Event/ Speed Monitoring/ No Plates/ Reverse Driving);  CCTV (Intrusion Detection/ Region Entrance/ Region Exit/ Advanced Motion Detection/ Line Crossing/ Loitering/ Object Left/Object Removed/ Object Counting/ Regional People Counting);  Object Detected Events (person and vehicle with attribute/ face)
	Event Action	Bookmark, Camera Output, Camera Recording, Do HTTP(S) Request, Execute PTZ Preset, Play Sound, etc.
Storage	Supported HDD	Up to 20TB per disk
	HDD Slot	SATA*2
Protocol	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.722/G.726
	Audio Communication	2-way
Interface	Ethernet	2*1000Mbps Ethernet Port
	Display	2*HDMI Port, 1*DP Port
	Audio	1*BNC In, 1*BNC Out
	USB Interface	Rear panel: 2*USB 2.0, 2*USB 3.0, 1*USB-C Port
	Power Supply	AC 100-240V, 50-60Hz, DC 12V
General	Consumption	≤30W (without HDD)
	Working Temperature	0°C to 35°C (32°F to 95°F)
	Working Humidity	10% to 90% RH (no freezing and no condensation)

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	Dimension	380mm(W) X 317.6mm(D) X 51.8mm(H)
	Weight	2.2 Kg
	Warranty	3 Years

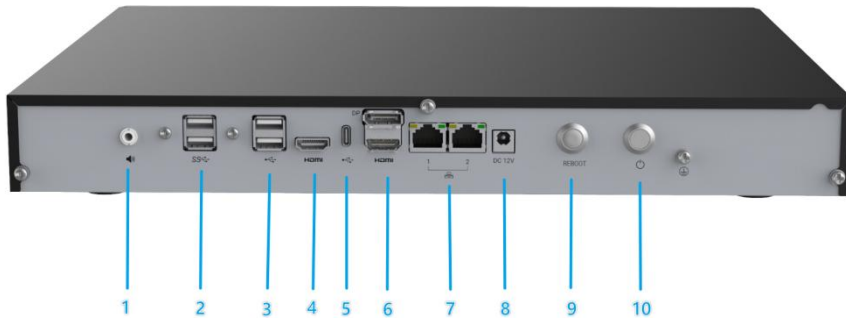
V1.0

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## Interfaces

VE0201-A-K/Nx



1-Audio

2-2\*USB 3.0

3-2\*USB 2.0

4-HDMI Port

5-USB-C

6-DP Port and HDMI Port

7-2\*LAN Port

8-Power Port

9-Reboot Button

10-Power Button

**Milesight** | [www.milesight.com](http://www.milesight.com)

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