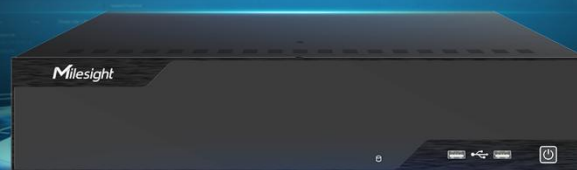


Milesight Enterprise NVR 2U Series

NDA A 

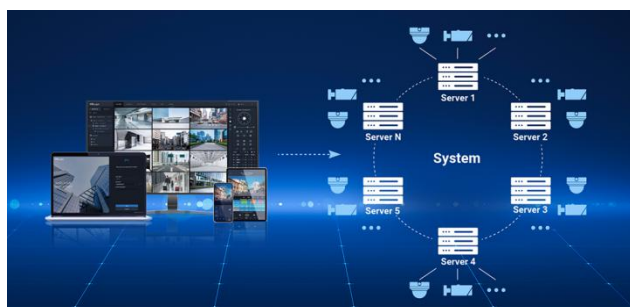
Milesight Enterprise NVR 2U Series provides a systematic and professional solution with video input, storage, transfer and device management functions. It is pre-loaded with the latest Windows-based Milesight VMS Enterprise system and pre-load licenses to deliver a ready to deploy solution.



DATASHEET

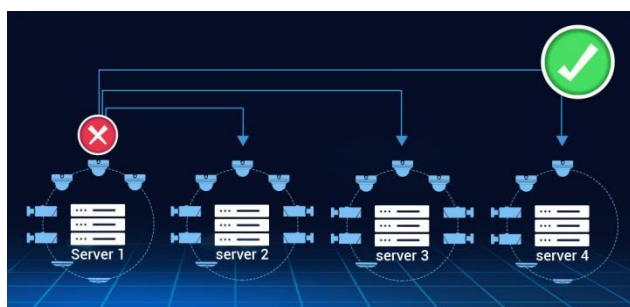
KEY FEATURES

Accessibility	Client/Server Structure, Milesight VMS Enterprise inside (Windows Based).
Flexible & Scalable Storage	Support 6*20TB storage and expandable disk capacity.
Reliability	Support N+M Failover, Load Balancing and Secure Password .
High Data Availability	Freely form multi-server systems to achieve data concentration.
Versatile Interfaces	A whole array of ports provides all necessary features of effective surveillance.
Auto Power System	With hardware based power-on self-starting for care-free maintenance.
Service Guarantee	3-year, keep your appliance warranty.
Compatibility	Fully integrate with Milesight network camera, sensors and 3rd party network cameras.
Green Energy Efficiency	Low power consumption CPU is used to save energy.



Out-of-the-box ready solution& Fine-grained management

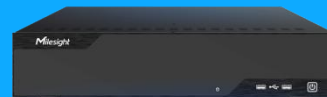
- Pre-configured latest VMS system is free to install and configure in minutes.
- Client/Server architecture achieves centralized resource management.
- Device, Recording, Users & Roles, Event & Alarm Management and other complex needs can be met by one system.



Reliability and Usability

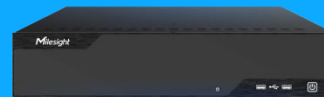
- Load Balancing delivers increased scalability and flexibility.
- N+M Failover ensures uninterrupted recording and boosts risk resistance.

Milesight Enterprise NVR 2U Series



	Model	VE0601-A	VE0602-A
Devices	Included Camera Access License	16	32
Recording	Recording Schedule	16	32
Bandwidth	Incoming Bandwidth	10000 Mbps	
	Outgoing Bandwidth	10000 Mbps	
Decoding	Video Format	MJPEG, H.264, H.265	
	Decoding Resolution	Up to 12 MP	
	Decoding Capability*	Display with 1080P Monitor D1(704*576)@30fps=16ch 2MP(1920*1080)@30fps=16ch 5MP(2592*1944)@30fps=11ch 12MP(4000*3000)@20fps=5ch	Display with 1080P Monitor D1(704*576)@30fps=32ch 2MP(1920*1080)@30fps=25ch 5MP(2592*1944)@30fps=11ch 12MP(4000*3000)@20fps=5ch
Event & Alarm	Event and Alarm Rules	1000	
Users & Roles	Concurrent Accesses via Clients, App Clients	300	
	Users	1000	
	Roles	100	
Local Viewing	Local Viewing	Support	
System	Main Processor	2.0 GHz Intel Celeron Series	
	Memory	2*4GB DDR4	
	Network Interface	4*2.5 GbE RJ-45 ports	
	Operating System	Microsoft Windows 10 IoT Enterprise 64bit	
	GPU Options	Integrated GPU	
	Auto Power On	Support	
Auxiliary Interface	HDD Drives (Video Data)	6*SATA (3.5" or 2.5")	
	SSD Drive (Operating System)	M.2 SSD(1*256 GB Pre-installed)	
	RAM	2*SO-DIMM DDR4 2666 Slot (2*4GB /2*8GB Pre-installed) Support Up to 16GB Support Dual-Channel Mode	
	Capacity	Up to 20TB capacity for each disk	
	Recording Storage Capacity	Up to 6*20TB raw	
	LAN	4*2.5Gbps LAN	
	PCI-E	1*PCI-E4 slot	
	Display	1*HDMI Port, 1*DP Port Support independent and synchronous display	
	Internal I/O	1*Power Connector(ATX_PWR 24pin), 1*Power Connector(CPU_PWR 4pin) 1*CPU Fan 1*COM Connector (9pin), 1*Front Panel Connector	
	Audio	1* HD Audio Connector	

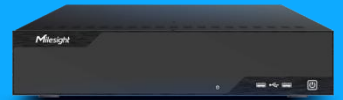
Milesight Enterprise NVR 2U Series



Auxiliary Interface	USB Interface	Front panel: 2*USB 2.0 Rear panel: 2*USB 2.0, 2*USB 3.0
	Power Supply	AC 100-240V, 50-60Hz
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)
	Dimension	440mm×420mm×88.2mm
	Weight	8.1Kg
	Warranty	3 Years

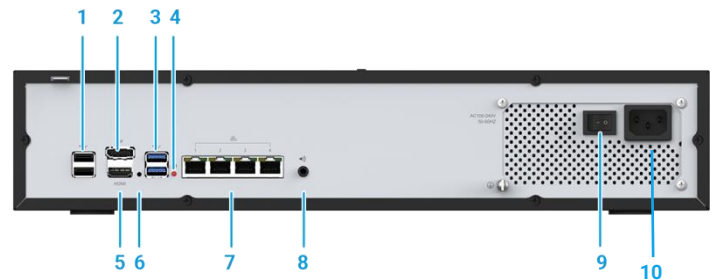
*The decoding data is achieved through hardware decoding, and the decoding performance varies based on the utilization of hardware resources. It is not recommended to use a 4K monitor for display.

V1.1



Interfaces

VE0601-A/VE0602-A



1. HDD Indicator
2. 2*USB 2.0
3. Power Button & Running Light

1. 2*USB 2.0
2. DP Port
3. 2*USB 3.0
4. Power LED
5. HDMI Port
6. CLRCMOS Button
7. 4*LAN Ports 2.5Gbps
8. Audio
9. Power Button
10. Power Port

Device Connection Topology

Single Server System



Muti-Server System

