Milesight

Milesight Enterprise NVR 2U Series

NDAA

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 Linux-based NX Witness Professional VMS software to deliver a ready to deploy solution.

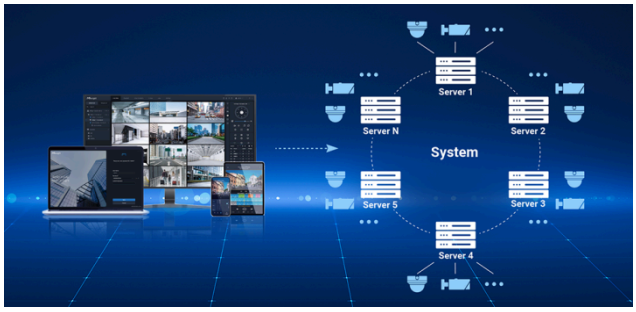


NFS
NATIONAL FIRE & SECURITY

DATASHEET

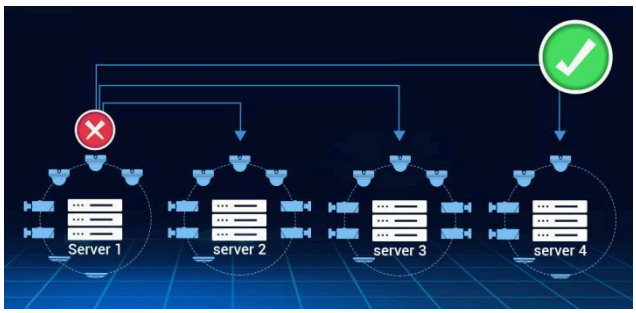
KEY FEATURES

Accessibility	Client/ Server Structure, NX Witness VMS installed (Linux)
Flexible & Scalable Storage	Supports up to 6*20TB HDDs
Reliability	Supports 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	Hardware based power-on self-starting for care-free maintenance
Service Guarantee	3-year, return to base warranty
Compatibility	Fully integrate ONVIF compliant Network Devices
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.

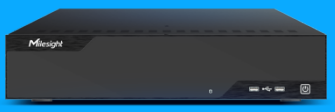
Milesight Enterprise NVR 2U Series



	Model	VE0601-A
Bandwidth	Incoming Bandwidth	480 Mbps
	Outgoing Bandwidth	480 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
System	Main Processor	2.0 GHz Intel Celeron Series
	Memory	2*4GB DDR4
	Network Interface	4*2.5 GbE RJ-45 ports
	Operating System	Linux Ubuntu
	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 3.5” HDDs
	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
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

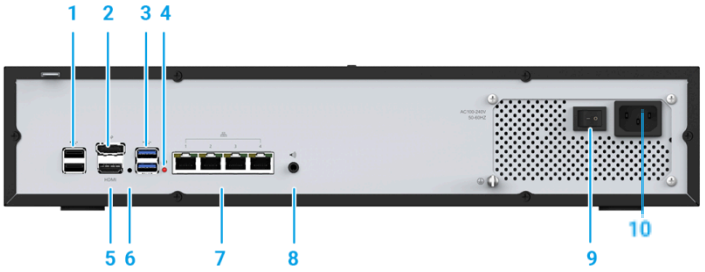


Interfaces

VE0601-A



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

