Milesight

Milesight Enterprise NVR 1U Series

NDAA

Milesight Enterprise NVR 1U 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.

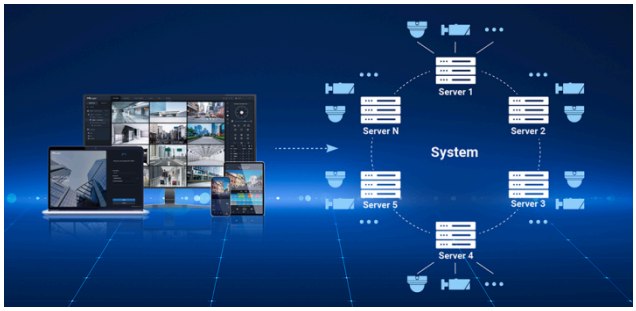


NFS
NATIONAL FIRE & SECURITY

DATASHEET

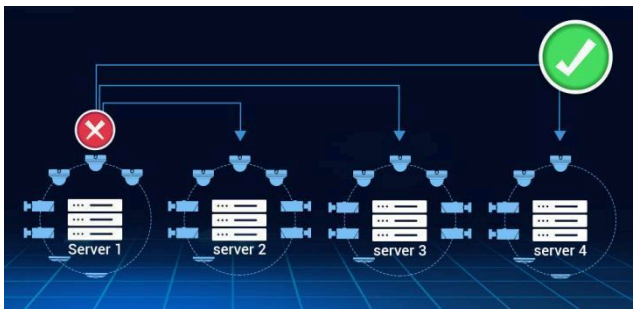
KEY FEATURES

Accessibility	Client/ Server Structure, NX Witness VMS installed (Linux)
Flexible & Scalable Storage	Supports up to 2*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.



	Model	VE0201-A
Bandwidth	Incoming Bandwidth	160 Mbps
	Outgoing Bandwidth	160 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	2*1000Mbps RJ-45 Ports
	Operating System	Linux Ubuntu
	GPU Options	Integrated GPU
	Auto Power On	Support
Auxiliary Interface	HDD Drives (Video Data)	2*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 2*20TB 3.5” HDDs
	LAN	2*1000Mbps LAN
	Display	2*HDMI Port, 1*DP Port Support independent and synchronous display
	Audio	1*BNC In, 1*BNC Out
Auxiliary Interface	USB Interface	Rear panel: 2*USB 2.0, 2*USB 3.0, 1x 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)
	Dimension	380mm(W) × 317.6mm(D) × 51.8mm(H)
	Weight	2.2Kg
	Warranty	3 Years

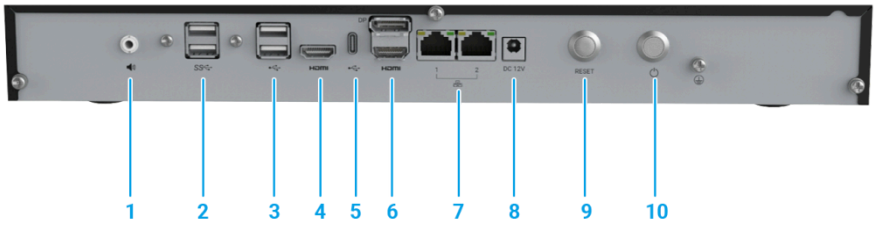
*The decoding data is achieved through hardware decoding, and the decoding performance varies based on the utilization of hardware resources. It is not recommended to use a 4K monitor for display.

V1.1



Interfaces

VE0201-A



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 - Reset Port
10 - Power Button

