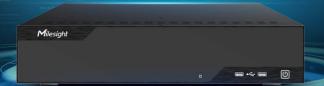






Milesight Enterprise NVR 2U Series provides a systematic and professional solution with video input, storage, transfer and device management functions. It is pre-loaded with the latest Windows-based Milesight VMS Enterprise system and pre-load licenses to deliver a ready to deploy solution.



DATASHEET

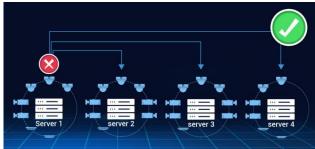
KEY FEATURES

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



Devices Included Camera Access License 16 32 32 32 32 32 32 32 3		Model	INVID-VE0601-A	INVID-VE0602-A
Video Format Decoding Resolution	Devices	Included Camera Access License	16	32
Decoding Resolution Display with 1080P Monitor Display Display Display Support Display Display Support Display Display Support Disp	Recording	Recording Schedule	16	32
Display with 1080P Monitor D1/704*576/@30fps=16ch D1/704*576/@30fps=32ch D1/704*576/@30fps=16ch D1/704*576/@30fps=32ch D1/704*576/@30fps=16ch D1/704*576/@30fps=32ch D1/704*576/@30fps=16ch D1/704*576/@30fps=32ch D1/704*576/@30fps=16ch D1/704*576/@30fps=32ch D1/704*576/@30fps=	Decoding	Video Format	MJPEG, H.264, H.265	
Decoding		Decoding Resolution	Up to 12 MP	
Concurrent Accesses via Clients, App Clients Users Roles Local Viewing Local Viewing System Main Processor Memory Network Interface Operating System GPU Options Auto Power On HDD Drives (Video Data) SSD Drive (Operating System) RAM RAM RAM RAM Capacity Recording Storage Capacity LAN Auxiliary Interface Display Concurrent Accesses via Clients, App Clients 1000 Support 1000 Support Celevon Series 1000 Support Delevon Series 1000 Support Delevon Series 1000 Support Delevon Support 1000 Support Dele		Decoding Capability*	D1(704*576)@30fps=16ch 2MP(1920*1080)@30fps=16ch 5MP(2592*1944)@30fps=11ch	D1(704*576)@30fps=32ch 2MP(1920*1080)@30fps=25ch 5MP(2592*1944)@30fps=11ch
Users & Roles Local Viewing Local Viewing Main Processor Memory Network Interface Operating System Auto Power On HDD Drives (Video Data) SSD Drive (Operating System) RAM Capacity RAM Auxiliary Interface Auxiliary Interface Display App Clients Users 1000 Support 1000 Support Auto On 1000 Support Auto Power On Support M.2 SSD (1*256 GB Pre-installed) Support Up to 16GB Support Up to 16GB Support Up to 20TB capacity for each disk Auxiliary Interface Display Display Support 1*PCI-E4 slot 1*HDMI Port 1*PCI-E4 slot Support independent and synchronous display	Event & Alarm	Event and Alarm Rules	1000	
Users 1000			300	
Local Viewing Local Viewing Support	Users & Roles	Users	1000	
Main Processor Memory System Network Interface Operating System Operating System Auto Power On RAM RAM Capacity Recording Storage Capacity LAN Auxiliary Interface Display Main Processor 2.0 GHz Intel Celeron Series 2*4GB DDR4 4*2.5 GbE RJ-45 ports Microsoft Windows 10 IoT Enterprise 64bit Integrated GPU Support Auto Power On Support 6*SATA (3.5" or 2.5") M.2 SSD(1*256 GB Pre-installed) 2*SO-DIMM DDR4 2666 Slot (2*4GB /2*8GB Pre-installed) Support Up to 16GB Support Dual-Channel Mode Up to 20TB capacity for each disk PCI-E 1*PCI-E 1*PCI-E 1*PCI-E slot 1*HDMI Port Support independent and synchronous display		Roles	100	
Memory Network Interface Operating System Operating System Auto Power On HDD Drives (Video Data) SSD Drive (Operating System) Auto Power On SUpport M.2 SSD(1*256 GB Pre-installed) 2*SO-DIMM DDR4 2666 Slot (2*4GB /2*8GB Pre-installed) RAM Support Up to 16GB Support Dual-Channel Mode Capacity Recording Storage Capacity LAN Auxiliary Interface Display Memory 2*4GB DDR4 4*2.5 GbE RJ-45 ports Microsoft Windows 10 IoT Enterprise 64bit Microsoft Windows 10 IoT Enterprise 64bit Microsoft Windows 10 IoT Enterprise 64bit Integrated GPU Support Support 1*25" 1*4GB DDR4 4*2.5 GbE RJ-45 ports Support or 2.5") Microsoft Windows 10 IoT Enterprise 64bit Integrated GPU Support Dal-Chanlel Mode Up to 25" and 4"2.5" Up to 16GB Support Dual-Channel Mode Up to 20TB capacity for each disk Up to 6*20TB raw LAN 4*2.5 Gbps LAN 1*PCI-E4 slot 1*PCI-E4 slot 1*PDP Port Support independent and synchronous display	Local Viewing	Local Viewing	Support	
Network Interface Operating System Operating System Operating System Auto Power On Auto Power On HDD Drives (Video Data) SSD Drive (Operating System) RAM RAM Capacity Recording Storage Capacity LAN Auxiliary Interface Display Network Interface A*2.5 GbE RJ-45 ports Microsoft Windows 10 IoT Enterprise 64bit Support By Support M.2 SSD(1*256 GB Pre-installed) Auxiliary Lan Auxiliary Interface Display N.2 SSD(1*256 GB Pre-installed) Support Up to 16GB Support Dual-Channel Mode Up to 20TB capacity for each disk Up to 6*20TB raw 4*2.5 Gbps LAN 1*PCI-E4 slot 1*HDMI Port 1*PDP Port Support independent and synchronous display		Main Processor	2.0 GHz Intel (Celeron Series
System Operating System		Memory	2*4GB DDR4	
Operating System GPU Options Auto Power On Support HDD Drives (Video Data) SSD Drive (Operating System) RAM Capacity Recording Storage Capacity LAN Auxiliary Interface Integrated GPU Support M.2 SSD(1*256 GB Pre-installed) 2*SO-DIMM DDR4 2666 Slot (2*4GB /2*8GB Pre-installed) Support Up to 16GB Support Up to 16GB Support Dual-Channel Mode 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 1*HDMI Port Support independent and synchronous display	System	Network Interface	4*2.5 GbE RJ-45 ports	
Auto Power On Bupport HDD Drives (Video Data) SSD Drive (Operating System) RAM RAM Capacity Recording Storage Capacity LAN Auxiliary Interface Support	System	Operating System	Microsoft Windows 10 IoT Enterprise 64bit	
HDD Drives (Video Data) SSD Drive (Operating System) RAM RAM Capacity Recording Storage Capacity LAN Auxiliary Interface Interface HDD Drives (Video Data) SSD Drive (Operating System) Auxiliary Interface HDD Drives (Video Data) 6*SATA (3.5" or 2.5") M.2 SSD(1*256 GB Pre-installed) Support Up to 16GB Support Dual-Channel Mode Up to 20TB capacity for each disk Up to 6*20TB raw 4*2.5Gbps LAN PCI-E 1*PCI-E4 slot 1*HDMI Port 1*DP Port Support independent and synchronous display		GPU Options	Integrated GPU	
SSD Drive (Operating System) RAM RAM Capacity Recording Storage Capacity LAN Auxiliary Interface Display SSD Drive (Operating System) M.2 SSD(1*256 GB Pre-installed) 2*SO-DIMM DDR4 2666 Slot (2*4GB /2*8GB Pre-installed) Support Up to 16GB Support Dual-Channel Mode Up to 20TB capacity for each disk Up to 6*20TB raw 4*2.5Gbps LAN 1*PCI-E4 slot 1*HDMI Port 1*DP Port Support independent and synchronous display		Auto Power On	Support	
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 LAN 4*2.5Gbps LAN PCI-E 1*PCI-E4 slot Display Display 1*DP Port Support independent and synchronous display		HDD Drives (Video Data)	6*SATA (3.5" or 2.5")	
RAM 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 1*HDMI Port Display Support Up to 16GB Support Dual-Channel Mode		SSD Drive (Operating System)	M.2 SSD(1*256 GB Pre-installed)	
Recording Storage Capacity LAN Auxiliary Interface PCI-E Display Recording Storage Capacity Up to 6*20TB raw 4*2.5Gbps LAN 1*PCI-E4 slot 1*HDMI Port 1*DP Port Support independent and synchronous display		RAM	Support Up to 16GB	
Auxiliary Interface PCI-E Display LAN 4*2.5Gbps LAN 1*PCI-E4 slot 1*HDMI Port 1*DP Port Support independent and synchronous display		Capacity	Up to 20TB capacity for each disk	
Auxiliary Interface PCI-E 1*PCI-E4 slot 1*HDMI Port 1*DP Port Support independent and synchronous display		Recording Storage Capacity	Up to 6*20TB raw	
Interface 1*HDMI Port Display 1*DP Port Support independent and synchronous display		LAN	4*2.5Gbps LAN	
Display 1*HDMI Port 1*DP Port Support independent and synchronous display		PCI-E	1*PCI-E4 slot	
1*Power Connected ATV_DIMP_2/nin\		Display	1*DP Port	
Internal I/O Internal I/O Internal I/O Internal I/O I*Power Connector(CPU_PWR 4pin) I*CPU Fan I*COM Connector (9pin) 1*Front Panel Connector		Internal I/O	1*CPU Fan 1*COM Connector (9pin)	
Audio 1* HD Audio 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.

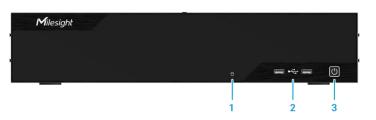
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Milesight Enterprise NVR 2U Series

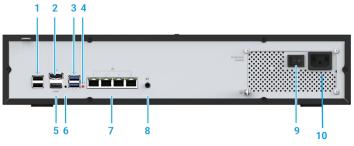


Interfaces

INVID-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

