

# Milesight Enterprise NVR 3U Series

**NDAA** ✓

Milesight Enterprise NVR 3U 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**

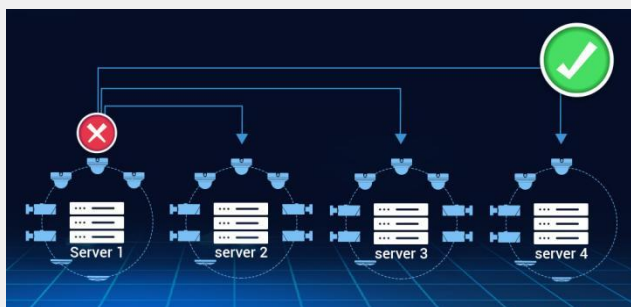
## KEY FEATURES

<b>Accessibility</b>	Client/Server Structure, Milesight VMS Enterprise inside (Windows Based).
<b>Flexible &amp; Scalable Storage</b>	Support 16*20TB storage and expandable disk capacity.
<b>Reliability</b>	Support N+M Failover, Load Balancing and Secure Password.
<b>High Data Availability</b>	Freely form multi-server systems to achieve data concentration.
<b>High Data Security</b>	Support RAID 0/1/5/6/10/50/60 disk array for data security.
<b>Auto Power System</b>	With hardware based power-on self-starting for care-free maintenance.
<b>Service Guarantee</b>	3-year, keep your appliance warranty.
<b>Compatibility</b>	Fully integrate with Milesight network camera, sensors and 3rd party network cameras.
<b>No Power Risks</b>	Redundant power supply.



### 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.

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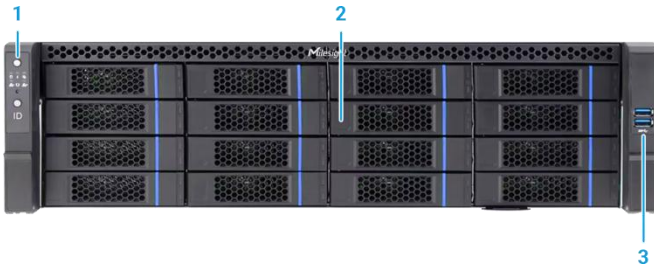


		INVID-VE1604-A	INVID-VE1608-A
<b>Devices</b>	Included Camera Access License	64	128
<b>Recording</b>	Recording Schedule	64	128
<b>Bandwidth</b>	Incoming Bandwidth	1920Mbps	
	Outgoing Bandwidth	1920Mbps	
<b>Decoding</b>	Video Format	MJPEG, H.264, H.265	
	Decoding Resolution	Up to 12 MP	
	Decoding Capability	12MP(4000*3000)@20fps=6CH 8MP(3840*2160)@30fps=6CH 2MP(1920*1080)@30fps=39CH 720P(1280*720)@30fps=52CH D1(704*576)@30fps=64ch	
<b>Event &amp; Alarm</b>	Event and Alarm Rules	1000	
<b>Users &amp; Roles</b>	Concurrent Accesses via Clients, App Clients	300	
	Users	1000	
	Roles	100	
<b>Local Viewing</b>	Local Viewing	Support	
<b>System</b>	Main Processor	Intel Core 12 <sup>th</sup> i5	Intel Core 12 <sup>th</sup> i7
	Memory	2*8GB DDR4	
	Network Interface	2*1000Mbps RJ-45 ports 1*2.5Gbps RJ-45 ports	
	Operating System	Microsoft Windows 10 IoT Enterprise 64bit	
	GPU Options	Integrated GPU	
	Auto Power On	Support	
<b>Auxiliary Interface</b>	HDD Drives (Video Data)	16*SATA (3.5" or 2.5") Support hot-plug	
	SSD Drive (Operating System)	2*M.2 SSD(1*250GB Pre-installed)	
	RAM	4* DDR4 Slot(2*8GB Pre-installed) Support Dual-Channel Mode	
	Capacity	Up to 20TB capacity for each disk	
	RAID	Support RAID 0, 1, 5, 6, 10, 50, 60	
	LAN	1*2.5Gbps, 2*1000Mbps	
	Display	2*HDMI Port, 1*DP Port Support independent and synchronous display	
	Audio	3*Audio Jacks	
	USB Interface	Front panel: 2*USB 3.0; Rear panel: 4*USB 2.0, 2*USB 3.2 Gen2	
	Power Supply	AC 100-240V, 50-60Hz, redundant power supply	
<b>General</b>	Chassis	3U	
	Consumption	≤ 75W(without HDD)	
	Working Temperature	0°C to +50°C (32°F to 122°F)	
	Working Humidity	10% to 90% RH (no freezing and no condensation)	
	Weight	17kg(without rail)/19kg(with rail )	
	Dimensions	480X675X133.5mm	
	Warranty	3 Years	

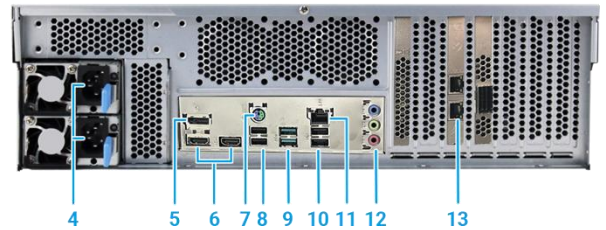


## Interfaces

### INVID-VE1604-A/VE1608-A



1. Power Button
2. Disk Slots
3. 2\*USB 3.0



- |                 |                   |                         |
|-----------------|-------------------|-------------------------|
| 4. 2*Power Port | 7. PS/2 Port      | 11. LAN Port 2.5Gbps    |
| 5. Display Port | 8. 2*USB 2.0      | 12. 3*Audio Jacks       |
| 6. 2*HDMI Port  | 9. 2*USB 3.2 Gen2 | 13. 2*LAN Port 1000Mbps |
|                 | 10. 2*USB 2.0     |                         |

## Device Connection Topology

