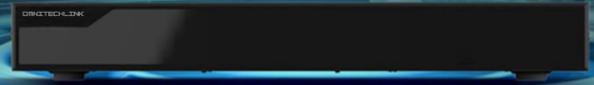


Omnitechlink Enterprise NVR 1U Series

Omnitechlink 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 Windows-based Omnitechlink VMS Enterprise system and pre-load licenses to deliver a ready to deploy solution.



DATASHEET

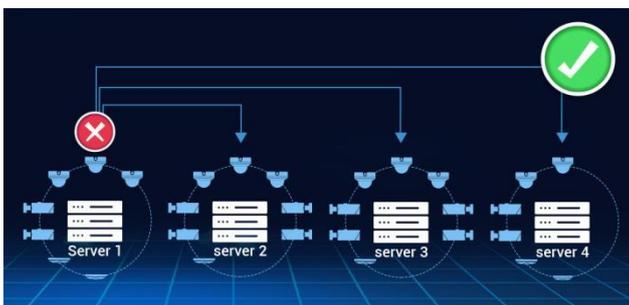
KEY FEATURES

Accessibility	Client/Server Structure, Omnitechlink VMS Enterprise inside (Windows Based).
Flexible & Scalable Storage	Support expandable disk capacity of 1*20TB or 2*20TB.
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 Omnitechlink 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.

Omnitechlink Enterprise NVR 1U



	Model	OTL-NVR100-A	OTL-NVR201-A
Devices	Included Camera Access License	8	16
Recording	Recording Schedule	8	16
Bandwidth	Incoming Bandwidth	640Mbps	
	Outgoing Bandwidth	640Mbps	
Decoding	Video Format	MJPEG, H.264, H.265	
	Decoding Resolution	Up to 12 MP	
	Decoding Capability*	Display with 1080P Monitor 12MP(4000*3000)@20fps=6ch 8MP(3840*2160)@30fps=6ch 2MP(1920*1080)@30fps=8ch	Display with 1080P Monitor 12MP(4000*3000)@20fps=6ch 8MP(3840*2160)@30fps=6ch 2MP(1920*1080)@30fps=16ch
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	Intel 2.0 GHz Celeron Series	
	Memory	2*4GB DDR4	
	Network Interface	2*1000Mbps 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)	1*SATA (3.5" or 2.5")	2*SATA (3.5" or 2.5")
	SSD Drive (Operating System)	M.2 SSD(1*256 GB Pre-installed)	
	RAM	2* DDR4 2666 Slot (2*4GB Pre-installed) Support Up to 16GB Support Dual-Channel Mode	
	Capacity	Up to 20TB capacity for each disk	
	Recording Storage Capacity	Up to 1*20TB raw	Up to 2*20TB raw
	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, 1*USB-C Port	
	Power Supply	AC 100-240V, 50-60Hz, DC 12V	

Omnitechlink Enterprise NVR 1U

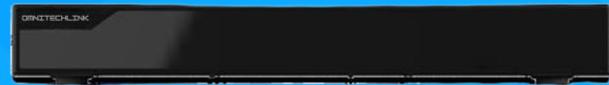


General	Consumption	≤30W(without HDD)
	Working Temperature	0°C to 35°C (32°F to 95°F)
	Working Humidity	10% to 90% RH (no freezing and no condensation)
	Dimension	380mm(W)X317.6mm(D)X51.8mm(H)
	Weight	2.2Kg
	Warranty	3 Years

*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.

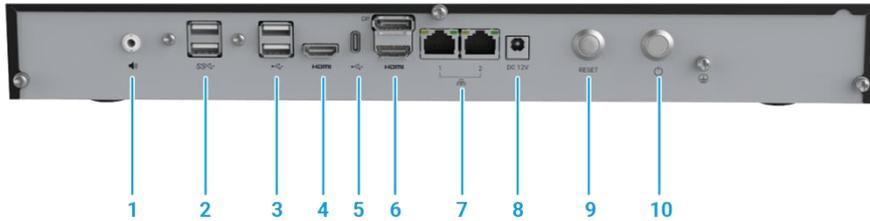
V1.0

Omnitechlink Enterprise NVR 1U



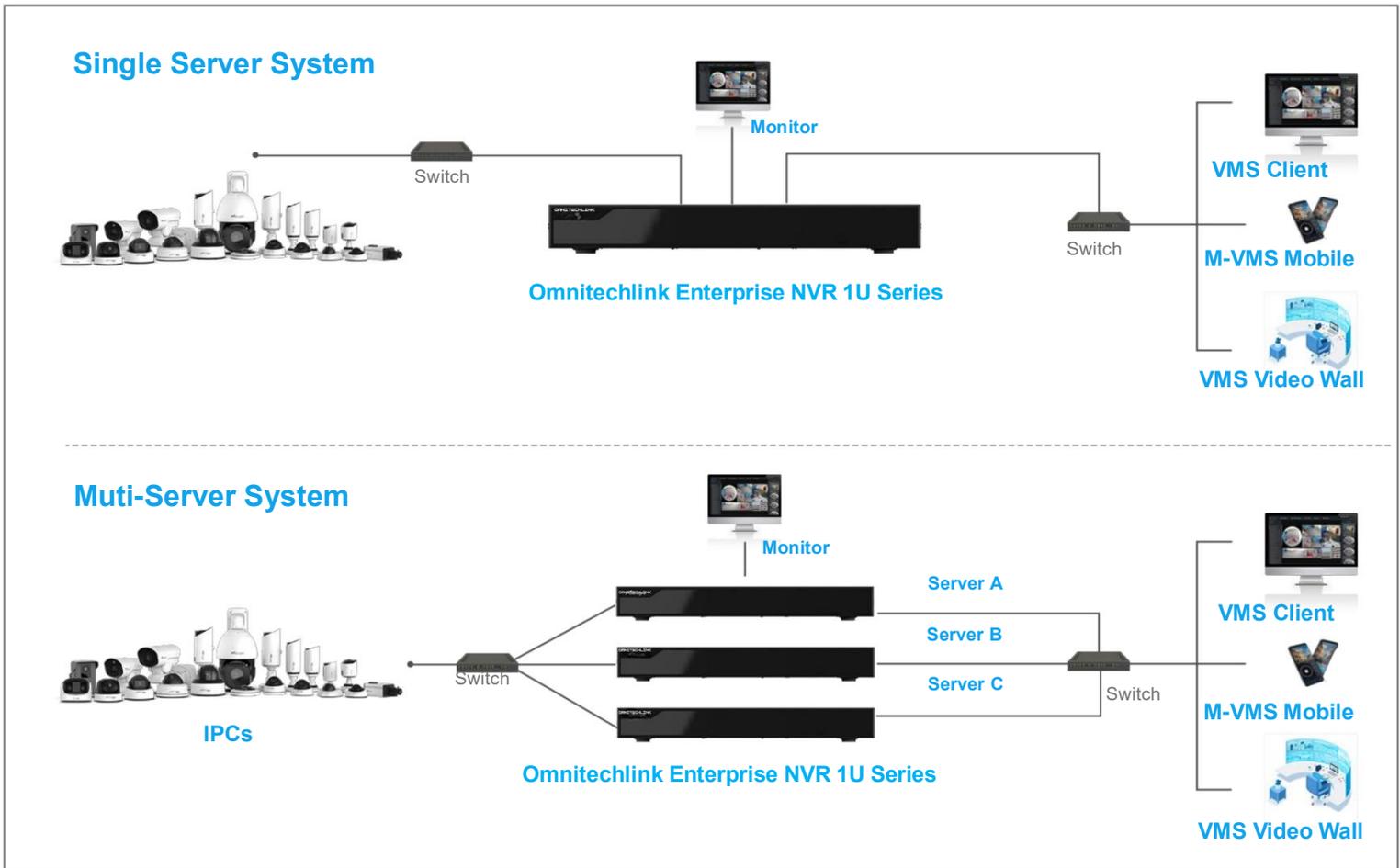
Interfaces

OTL-NVR100-A/OTL-NVR201-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-Restart Button
- 10-Power Button

Device Connection Topology



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