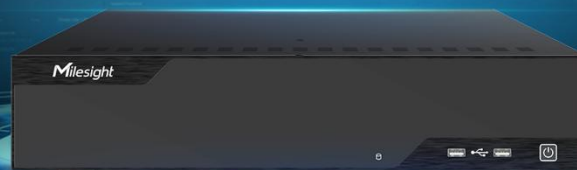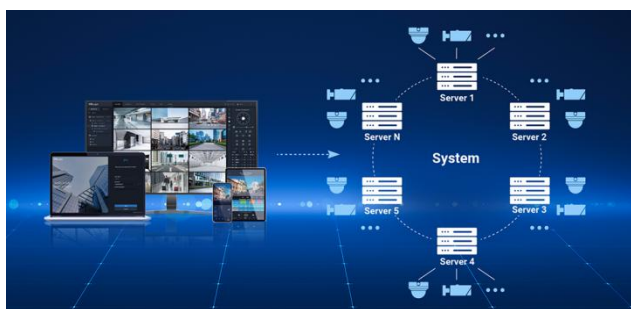# Milesight

Milesight All-in-one VMS Appliance

Milesight All-in-one VMS Appliance provides a systematic and professional solution with video input, storage, transfer and device management functions. It is pre-loaded with latest Windows-based Milesight VMS Enterprise system and 36 licenses to deliver a ready to deploy solution.
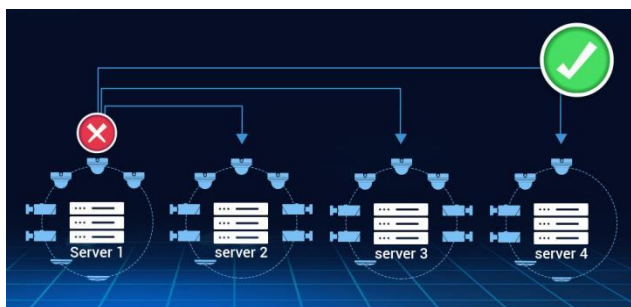
DATASHEET

KEY FEATURES

Accessibility	Client/Server, support 36 video streams per server.
Flexible & Scalable Storage	Support 6*12TB 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	Powered by low power consumption CPU 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.

		VE0602-A
Devices	Included Camera Access License	36
Recording	Recording Schedule	36
Decoding	Video Format	MJPEG, H.264, H.265
	Decoding Resolution	Up to 12 MP
	Decoding Capability*	Display with 1080P Monitor D1(704*576)@25fps=36ch 2MP(1920*1080)@25fps=25ch 5MP(2592*1944)@25fps=11ch 12MP(4000*3000)@25fps=5ch
Event & Alarm	Event and Alarm Rules	1000
Users & Roles	Concurrent Accesses via Clients, App Clients	300
	Users	1000
	Roles	100
Local Viewing	Local Viewing	Supported
System	Main Processor	2.0 GHz Intel Celeron Series
	Memory	2*4GB DDR4 Optional: 2*8GB DDR4
	Network Interface	4*2.5 GbE RJ-45 ports
	Operating System	Microsoft Windows 10 IoT Enterprise 64bit
	GPU Options	Integrated GPU
	Auto Power On	Support
	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 Pre-installed) Support Up to 16GB Support Dual-Channel Mode
	Capacity	Up to 12TB capacity for each disk
	Recording Storage Capacity	Up to 72TB raw
Auxiliary Interface	LAN	4*2.5Gbps LAN
	PCI-E	1*PCI-E4 slot
	Display	1*HDMI Port 1*DP Port Maximum resolution of 4K 120Hz 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

	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)

*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

Interfaces

VE0602-A

1. HDD Indicator
2. USB 2.0
3. Power Button & Running Light

1. USB 2.0
2. DP Port
3. USB 3.0
4. Power LED
5. HDMI Port
6. CLRCMOS Button
7. LAN
8. Audio
9. Power

Device Connection Topology

Single Server System

Monitor

Switch

IPCs

All-in-one Video Surveillance Appliance

Switch

VMS Client

M-VMS Mobile

VMS Video Wall

Muti-Server System

Monitor

Switch

IPCs

Server A

Server B

Server C

All-in-one Video Surveillance Appliance

Switch

VMS Client

M-VMS Mobile

VMS Video Wall