Surveon
Complete Megapixel Solutions

Performance Up, Cost Down

Pre-loaded Milestone XProtect VMS

Up to 150 CH 3MP cameras

316 HDDs expansion enclosures

milestone
Solution Partner

Surveon NVR7800 Series

NVR7812/NVR7816 -150-ch Milestone VMS Pre-loaded NVR

Features

- NVR7812/7816 NVR with pre-loaded Milestone XProtect VMS for large scale and distributed surveillance operations
- Support up to 150 CH 3MP cameras without frame drop, total recording throughput up to 2000Mbps
- Support up to 316 HDDs with high density 4U 60-bay expansion enclosure (maximum capacity of up to 2.5 PB with 8TB HDD)
- Server-storage design for best cost-performance ratio
- Cableless design with hot swappable redundant component for easy maintenance
- Built-in RAID function for data protection
- Intuitive set-up page for hassle-free installation

Surveon Proven End to End Solutions

Surveon Milestone certified NVR7800 Series, providing Milestone system integrators with an excellent option for potential surveillance tenders. The NVR7800 Series supports up to 150 channel 3MP cameras with continuous recording and 316 HDDs with high density 4U 60-bay expansion enclosure. Moreover, Milestone XProtect Corporate and Enterprise VMS will come pre-loaded in this Series to provide easier access for end-users.

| Network Camera | NVR7800 Series | 2U/3U JBOD |

3rd Party Camera Supported:

ACTi Connecting Vision · Arecont Vision · AXIS COMMUNICATIONS · BOSCH · alhua · EverFocus · HIKVISION · IQinVision · JVC

MOBOTIX · Panasonic · and more.

Surveon NVR7800 Series

NVR7812/NVR – 150-ch Milestone VMS Pre-loaded NVR

Technical Specifications

Model		NVR7812	NVR7816
System	Main Processor	Intel® Core i3 dual-core / Intel® Xeon E3 quad-core	
	Operating System	Windows	
Storage	Internal HDD	12	16
	RAID	RAID 0, 1, 5, 6, 10, 50, 60, 1+Spare, 5+Spare, 6+Spare	
	SAS Expansion	1x 6G SAS Expansion Port	
	Output	2x HDMI, 1x VGA	
Alarm	Input/Output	8/2	
Recording	Resolution	5M/ 3M/ 1080P/ 720P/ D1	
	Record Rate	3750 fps @ 1080P	
	Bit Rate	up to 2000 Mbps	
Network	Ethernet	4 x RJ-45 Port (100/1000)	
General	Power Supply	Input Voltage: 100V~240V	
	Power	Dual Redundant PSU (460)W	
	Working Environment	Humidity: 5% to 80% (non-condensing) Temperature: 5C° to 35℃	
	Dimension	2U 19-inch rackmount with chassis ears: (H)88.00mm x (W)447.40mm x (L)524.41mm	3U 19-inch rackmount with chassis ears: (H)130.00mm x (W)447.40mm x (L)524.20mm
	Weight	13.60kg/ 29.98lbs (without HDDs)	21.54kg/ 47.49lbs (without HDDs)

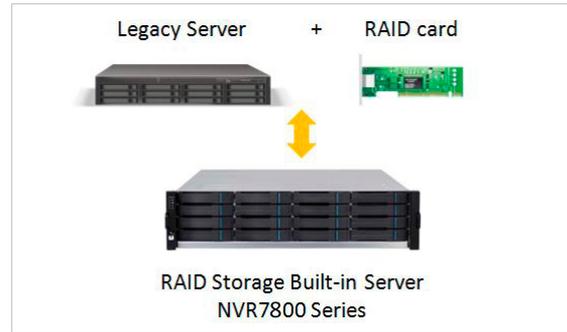## Surveon NVR7800 Series Feature Highlights

• Milestone VMS Pre-loaded

XProtect® Corporate and XProtect® Enterprise two types of Milestone XProtect® Software Suite are pre-loaded.

• Multi-functional Combination

The Server + Storage design provides high integration with other devices for system stability.

• Excellence Performance

The system results in a high level of recording throughput up to 2000Mbps.

• Storage Expandability

Support 14x JBOD 3U 16-bay (total 240HDDs) or 5x JBOD 4U 60-bay (total 316HDDs) two options.

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