

Surveon Linux NVR Series

NVR5316 – Cableless Server NVR Delivers Power & Performance

Features

- Max. 64-channel Full HD megapixel recording.
- Up to 64 TB 16-bay built-in storage capacity.
- Local SAS expansion to 128 HDD for large data storage.
- Built-in RAID 1, 5, 6 for data protection.
- Cableless, modularized hardware design.
- Intel® Haswell server platform and Xeon CPU.
- Built-in enterprise VMS functionalities.
- Industrial–grade components and 3-year warranty.
- Designed for enterprise to mission-critical projects.

Surveon Proven End to End Solutions

Surveon NVR5000 series is a Linux-based enterprise NVR designed for professional surveillance projects. Its RAID protection, high I/O, and large capacities guarantee the overall system stability and efficiency. Accompanied with the Surveon enterprise VMS for real-time monitoring and video analytics, the NVR5000 ensures easy maintenance, excellent system reliability and scalability, an ideal megapixel solution for middle to large applications.









3rd Party Camera Supported:

























NVR5316 - 64 CH Full HD RAID NVR



Technical Specifications

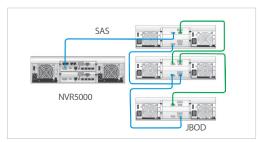
Model		NVR5316 E1	NVR5316 A1	
System	Main Processor	Intel Core i3 Dual-Core 3.5G	Intel Xeon 3.2G	
	Operating System	Linux		
Storage	Internal HDD	16 SATA Port, up to 96TB		
	RAID	Non RAID, 1, 5, 6		
	SAS Expansion	2 x 6G SAS Expansion Port		
Video	IP Camera Input	16/24/32/48/64		
	Output	2x HDMI, 1x VGA		
Alarm	Input/Output	8/2		
Display	Resolution	1920 x 1080, 1280x1024, 1280x720, 1024x768		
	Display Split	1/4/5/7/9/10/16/32		
Recording	Resolution	5M/ 3M/ 1080P/ 720P/ D1		
	Record Rate	480 fps	480 fps @ 1080P	
	Bit Rate	192Mbps	384Mbps	
	Record Mode	Always, Motion, Event		
Video Detection & Alarm	Video Intelligence	10 Advanced Video Analytics Engines		
Playback & Backup	Playback Channel	16		
	Search Mode	Date/Time, Event, VI		
Network	Ethernet	2 x RJ-45 Port (100/1000)		
General	Power Supply	Input Voltage: 100V~240V		
	Power Consumption	Two Redundant 530W		
	Working Environment	Humidity: 5% to 80% (non-condensing) Temperature: 5C° to 35°C		
	Dimension	130(H) x 448(W) x 500(D) mm		
	Weight	21.54kg/ 47.49lbs (without HDD)		
Others	Remote Access	✓	✓	
	CMS Support	✓	✓	
	TV Matrix	✓	✓	
	Backup	✓	✓	

Surveon NVR5000 Series Feature Highlights

• Compact Server NVR with Full Features NVR5000 can fit into a $19^{\prime\prime}$ rack to save space.



• Direct SAS Port Expansion & RAID 1, 5, 6 Protection JBOD expansion supported up to 128 HDD.



Swappable Modules

Swappable control board, fans and power supplies for easy maintenance.



• Enterprise VMS with Advanced Functions TV matrix wall, VI detections for professional surveillance.







Surveon Headquarters

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