

DH-SVR3016 H

Super HD Network Video Recorder



Features

- > Support IP Camera, NVS, DVR & others network encoding devices
- > Powerful performance of network video Access, Recording , Transmission and Playback
- > Support 16 hot-swappable SATA HDDs storage capacity up to 32TB
- > Support multiple RAID mode such as RAID0, RAID1 and RAID5
- > Support 3GbpsMini SAS for storage expansion
- > Operating system runs in Ramdisk to ensure stability and maintainability
- > WEB configuration for easy operation and powerful user client
- > Recording schedule configurable for each camera independently
- > High-reliability hardware design, support hot-swappable and redundant HDDs, Power supplies, Fans
- > Support access to center management platform to achieve a distributed deployment

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Technical Specifications

Model	DH-SVR3016H
System	
Main Processor	Dual-Core 64-bit Processor
Operating System	Embedded Linux
Power Supply	2 +1 hot-swappable redundant power supply
Cooling Fan	Redundant two-ball bearing fans, MTBF>100,000 hours, Support online replacement
Motherboard	Server class (support 7x24 hours running)
Memory	2GB(expandable), Server class(with ECC parity)
Chassis	Self-designed chassis adopts 1.2mm thickening hot-dlp galvanized steel sheet, High accurate aluminum alloy slide, Self-patent drawer-type HDD rack
User Interface	WEB GUI
Video & Audio Performance	
Access & Recording	32ch 1080P / 128ch D1 / 256ch CIF
Transmission	16ch 1080P / 64ch D1 / 128ch CIF
Playback	8ch 1080P / 32ch D1 / 64ch CIF
Data System	64-bit high-performance file system
Video Resolution	1080P, 720P, D1, HD1, CIF, QCIF
Search Mode	Based on the database and directory tree, support multiple search mode
Devices Configuration	Support each camera independent and batch configuration
Recording Mode	Continuous, Schedule, Alarm
Alarm Recording	Video loss, Video mask, Motion detection, External alarm
Storage Management	
Hard Disk	16 SATA II type HDDs supported(per HDD 2TB, up to 32TB)
HDD Mode	Single, Raid 0, Raid 1, Raid 5
HDD Installation	Independent HDD rack, Hot-swappable
Storage Expansion	Support expansion devices
Expansion Interface	Mini SAS, 3Gbps
HDD Hot-standby	Support global HDD Hot-standby
Network	
Interface	2 RJ-45 ports(10/100/1000M)
Ethernet Port	Dual Ethernet ports joint working or two independent 1000M Ethernet ports
Network Protocol	IP, TCP, UDP, RTP/RTCP, RTSP, HTTP, SNMP
Environmental	
Power Supply	750W, 100V-240V AC, 47-63Hz
Power Consumption	<490W(with HDD)
Working Temperature	5℃~40℃
Working Humidity	10%~80%(Non-Gel)

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Storage Temperature	-20°C~70°C
Storage Humidity	5%~90%(Non-Gel)
Working Elevation	-60m~3000m
Dimension	133mm×450mm×650mm(H×W×D)
Weight	33Kg
Mounting	3U, 19 feet standard rack-mounted

<http://www.asi.ind.in>

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*Design and specifications are subject to change without notice.

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