

DH-ESS3016X

16 HDDs Network Storage



Featur

- IPSAN / NAS integration solutions
- High-performance, scalability, easy for data storage and file sharing
- Fault-tolerant data protection mechanisms for the video surveillance system
- Support single disk, support various data protection modes such as RAID0, RAID1, RAID5
- Support HDDs hot-swappable feature
- Redundant fans and redundant power supply, keep 7x24-hour uninterrupted running
- Support common industry network protocol such as SAMBA, NFS, ISCSI, CIFS, FTP, HTTP etc
- Support Windows, Linux, Unix and other operating systems
- Adopts WEB configuration, it takes max 10 minutes to complete setup
- Distribution architecture design concept suitable for all kinds of network surveillance project

Specifications

Model	DH-ESS3016X
System	
Main Processor	Dual-Core 64-bit Processor
Operating System	Embedded Linux
Power Supply	Support 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 hour operation)
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
Performance	
Recording	D1: 120 channels, CIF: 400 channels
Playback	D1: 60 channels, CIF: 200 channels
Storage Protocol	ISCSI, SAMBA, NFS, FTP
HDD Management	
Hard Disk	16 SATA II ports, 16 HDDs supported(each one up to 2TB)
HDD Mode	Single, Raid 0, Raid 1, Raid 5
HDD Installation	Independent HDD rack, Hot-swappable
HDD Expansion	Support up to two expansion devices, 46 HDDs totally
Expansion Interface	Mini SAS, 3Gbps
HDD Hot Standby	Support global HDD Hot Standby
Network	
Interface	2 RJ-45 ports(10/100/1000M)
Network Port Feature	Dual network ports loading balance binding or dual independent 1000M network ports
Environmental	
Power Supply	100V-240Vac, 47-63Hz
Power Consumption	280W~490W(with HDD)
Working Temperature	5°C~40°C
Working Humidity	10%~80%(Non-Gel)
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	19 feet standard rack-mounted