DH-ESS5024S&DH-ESS5024S-R

24 HDDs Network storage

Features

> IPSAN/NAS integration solutions
> High-performance, scalability, easy for data storage
> Fault-tolerant data protection mechanisms for the video surveillance system, protect clients' data security ,support various data protection modes such as RAID0,1,10,5,6,50,60,JBOD,single disk
> Support HDDs hot-swap, non-stop running when replace the HDDs
> Redundant fans and redundant power supply, keep 7x24-hour uninterrupted running in self-patent chassis
> Support common industry network protocol such as SAMBA, NFS, iSCSI, CIFS, FTP, HTTP, AFP
> Adopts WEB configuration, easy to use
> Support external expansion

Technical Specifications

Model	DH-ESS5024S	DH-ESS5024S-R
System		
Main Processor	Multi-core private storage CPU	
Operating System	Embedded LINUX	
Power Supply	Single 500W	2 x 500W, support hot-swappable
Fan	Redundant two-ball bearing fans, MTBF＞100,000 hours	
Motherboard	Serve class(24/7 operation)	
Memory	Standard 4G,include ECC, support up to 8G	
Chassis	All self-design, Hot-dip galvanized steel sheet(1.2mm thickened) High-precise aluminum alloy slide Self-patent drawer-type HDD rack, conform to SBB2.0	
User Interface	WEB GUI	

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Storage Protocol	
Storage Protocol	SAMBA, NFS, iSCSI, CIFS, FTP, HTTP, AFP
Video Property	
Video Input	512ch @D1(2Mbps), 256ch @720P(4Mbps), 128ch @1080P(8Mbps)
HDD Management	
Hard Disk	24 HDDs, support SAS,SATA HDDs, support 6TB HDDs, support 2.5 inch HDD
Raid Mode	RAID0/ 1/ 3/ 5/ 6/ 10/ 50/ 60, JBOD, Single
HDD install	Independent HDD holder, support hot-swap
HDD Expansion	Support up to four expansion device
HDD Hot Standby	Support up to four expansion device
HDD Hot Standby	Support global HDD Hot Standby
Network Interface	
Management Interface	1 RJ-45 10/100/1000Mbps
Data Interface	4 RJ-45 10/100/1000Mbps ,multiple Ethernet-port binding or, load balance, expandable up to 4x1000Mbps or 2x10000Mbps Ethernet port
General	
Power Supply	AC 100V~240V ±10% 60Hz/50Hz
Power Consumption	＜250W (without HDD)
Working temperature	0℃~40℃
Working Humidity	10%~80%(non-condensation)
Storage Temperature	-20℃~70℃
Storage Humidity	5%~90%(non-condensation)
Working Elevation	-60m～5000m
Dimension(W×D×H)	446mm×175mm×495mm	
Weight	26.7kg	26.8kg(redundant power supply)
Mounting	19 feet standard rack-mounted	

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