

# 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
<b>System</b>		
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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<b>Storage Protocol</b>	
Storage Protocol	SAMBA, NFS, iSCSI, CIFS, FTP, HTTP, AFP
<b>Video Property</b>	
Video Input	512ch @D1(2Mbps), 256ch @720P(4Mbps), 128ch @1080P(8Mbps)
<b>HDD Management</b>	
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
<b>Network Interface</b>	
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
<b>General</b>	
Power Supply	AC 100V~240V ±10% 60Hz/50Hz
Power Consumption	<250W (without HDD)
Working temperature	0°C ~40°C
Working Humidity	10%~80%(non-condensation)
Storage Temperature	-20°C ~70°C
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

## **DH-ESS5024S&DH-ESS5024S-R**

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\*Design and specifications are subject to change without notice.

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