

# DH-EVS5000

## 128 Channel Embedded Video Storage



### Features

- > High-performance multi-core processors
- > Support protocol such as ONVIF、Panasonic、SAMSUNG、SONY
- > Support more than 50 third-party IPC
- > Up to 128ch channel transmission with 256Mbps in total
- > Support 16 hot-swap SATA HDDs, support 4T HDD
- > Independent SATA extend interface
- > Single HDD、Raid0、Raid1、Raid5、Raid6、Raid10、Support global HDD Hot Standby
- > 2\*10/100/1000M Ethernet port、Ethernet-port bindingor, load balance
- > Intercommunication within platform(PSS、DSS), third-party platform through dahua SDK
- > Support client-side access video stream directly
- >

### Technical Specifications

Model	EVS5000
<b>System</b>	
Operating System	Embedded LINUX
User Interface	WEB
Network protocol	RTP/RTCP、RTSP、UDP、HTTP、NTP、SNMP、iSCSI
<b>AV parameter</b>	
AV interface	128ch @256Mbps
AV transmit	128ch @256Mbps
AV storage	Adopts 64-bit high-performance file system
AV inquire	Adopts database and directory tree, offers various inquiry modes
AV configuration	Accurate to each camera configuration and batch configuration
Video strategy	Periodic、interval、Alarm

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<b>HDD</b>	
Hard disk	16 SATA HDDs (support 4T HDD)
HDD install	Independent HDD holder, support hot-swap
HDD Expansion/backup port	Mini SAS interface 6Gbps、eSATA interface
HDD Hot Standby	Support global HDD Hot Standby, local HDD Hot Standby
HDD mode	Single、RAID0、RAID1、RAID5、RAID6、RAID10
<b>Record &amp; Playback</b>	
Record mode	Periodic、interval、Alarm
Playback mode	Various slow motion rate, Various speed up motion rate, manual single frame play、playback
Multi-channel playback	WEB support 16ch video playback simultaneously
<b>Ethernet port</b>	
Port quantity	2-100/1000Mbps Ethernet port, two Ethernet-port load balance bindingor, or 2-1000Mbps standalone Ethernet ports
<b>User management</b>	
User management	multi-level user management; various management modes, local and net users unified management, users' permission can be settled
<b>Specification</b>	
Power supply	90V~264V, 47~63Hz
Power Consumption	≤100W (exclude HDD)
Dimension(W×D×H)	473.6mm *484.6mm (include lug) *133.2mm
weight	≤25KG (exclude HDD)
Mounting	19 feet standard rack-mounted
Mounting	Rack mounting, table mounting
<b>Environment</b>	
Working temperature	0℃~40℃
Working Humidity	10%~80% (non-condensation)
Storage Temperature	0℃~ + 70℃
Storage Humidity	5%~90% (non-condensation)
Working Elevation	-60m~3000m

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

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