

DS-A80 Series CVR Network Storage



Introduction

The DS-A80 series is the economical and reliable network storage for entry level. The product is flexible to deploy and easy to configure, and is suitable for small and medium sized video surveillance system. Compatible to surveillance-class and enterprise-class HDD, it provides large-scale storage space.

Features

Economical and Stable Hardware Platform

- Modular design.
- 64-bit multi-core processor.
- 4 to 32 GB high-speed cache.
- SAS2.0 and PCI-E2.0 high-speed transmission channel.
- Two 10M/100M/1000M network interfaces.
- Redundant design for key modules.
- 4U chassis model supports 24 HDDs.
- Two to six 1000M network interfaces supporting SAS cascading.

HDD Detection and Repair/RAID Optimization

- Detection before operation.
- Detection in operation.
- Fault repair.
- RAID 0, 1, 3, 5, 6, 10, 50, and VRAID.
- Global and local hot spare.
- Quick RAID building.
- Capability of cascading up to two storage enclosures behind a single SAS port.

Advanced Data Protection

- Synchronous backup of key information in system disk and HDD.
- RAID-based tamper-proof data technology.
- Auto data synchronization between devices.

Energy Efficient

- CPU load balance.
- Auto fan tuning.
- HDD sleeping.

User-Friendly UI

- Quick configuration.
- Various alarm management.
- SADP protocol supported.
- SNMP supported.

Surveillance-Specialized Stream Media Direct Storage (CVR)

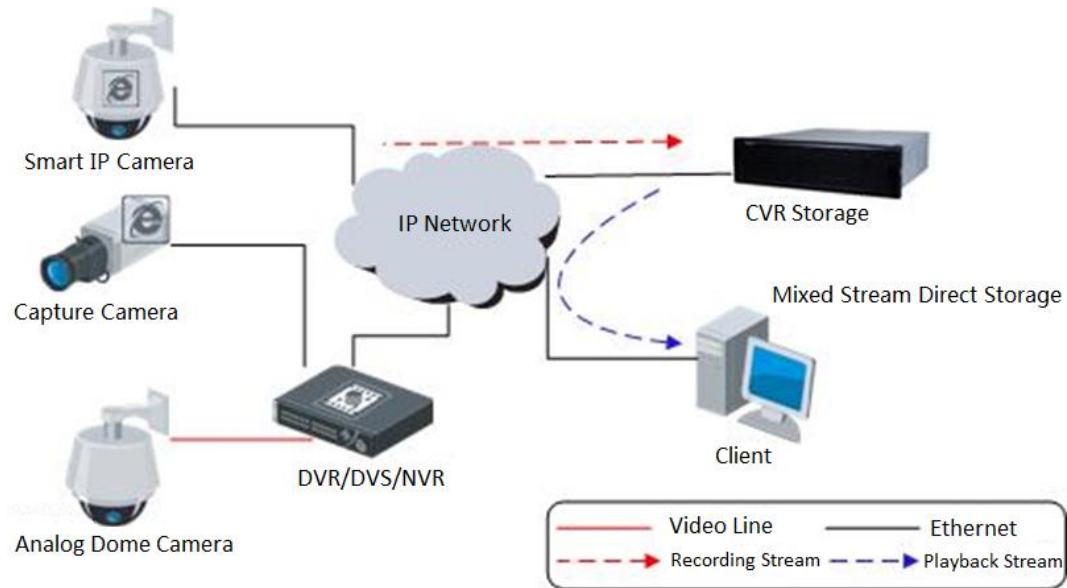
- Space pre-allocation strategy.
- Direct storage for mixed video.
- Supports direct IP camera/DVR/NVR streaming and recording.
- Supports camera access through RTSP, ONVIF, and PSIA protocol.
- Supports alarm/scheduled/manual recording.
- Automatic network replenishment (ANR), timely uploading, and video loss alarm.
- Lock key videos.
- VRAID data protection.
- Supports both CVR and IPSAN.
- Search, play, and download videos by video type or video time.



Specification

Model		DS-A80624S
Performance	Recording mode: video (2 Mbps) + picture	320-ch recording + playback
	IPSAN	180-ch recording + playback
Controller	Processor	One controller (64-bit multi-core processor)
	Cache	4 to 32 GB
HDD	HDD slot	24
	Interface/capacity	SATA/1TB, 2TB, 3TB, 4TB, 6TB
	Hot-swapping	Supported
	RAID	RAID 0, 1, 3, 5, 6, 10, 50, VRAID, JBOD, Hot-Spare
Network	Protocol	iSCSI, RTSP, ONVIF, PSIA
External interface	Data network interface	2, 1000M Ethernet interface
	Management network interface	1, 1000M Ethernet interface
	MiniSAS interface	Supported
	COM	1, for Hyper Terminal, mobile alarm, or UPS
	USB	4
	VGA	1
General	Power supply	Redundant
	Consumption (with HDDs)	<ul style="list-style-type: none"> ● Working: ≤ 395 W (1348 BTU with 24 HDDs) ● Rated: ≤ 875 W
	Environment temperature	<ul style="list-style-type: none"> ● Working: +5 °C to +35 °C (41 °F to 95 °F) ● Storing: -20 °C to +70 °C (-4 °F to +158 °F)
	Environment humidity	<ul style="list-style-type: none"> ● Working: 20% to 80%RH (non-condensing/frozen); ● Storing: 5% to 90%RH (non-condensing/frozen)
	Chassis	4U (19-inch height)
	Dimensions (W × H × D)	445 × 175 × 746mm (17.5 × 6.9 × 29.4 in)
	Weight (without HDDs)	≤ 40 Kg (88.2 lb)

Typical Application



Available Models

DS-A80624S

Distributed by



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