DS-AJ7824S Series Storage Enclosure

Introduction

DS-AJ7824S storage enclosure is a storage product designed for large-scale video surveillance project. It can expand storage space quickly, which is helpful in reducing cost. It also provides highly reliable functions and feature, like hot swapping, redundant power supply, and redundant fan.



Key Feature

- Mini SAS 3.0 interface with transmission ability 4 times faster than 12G.
- Supports cascading extension.
- Supports SATA interfaces of HDD.
- Up to 12 TB capacity for each HDD.

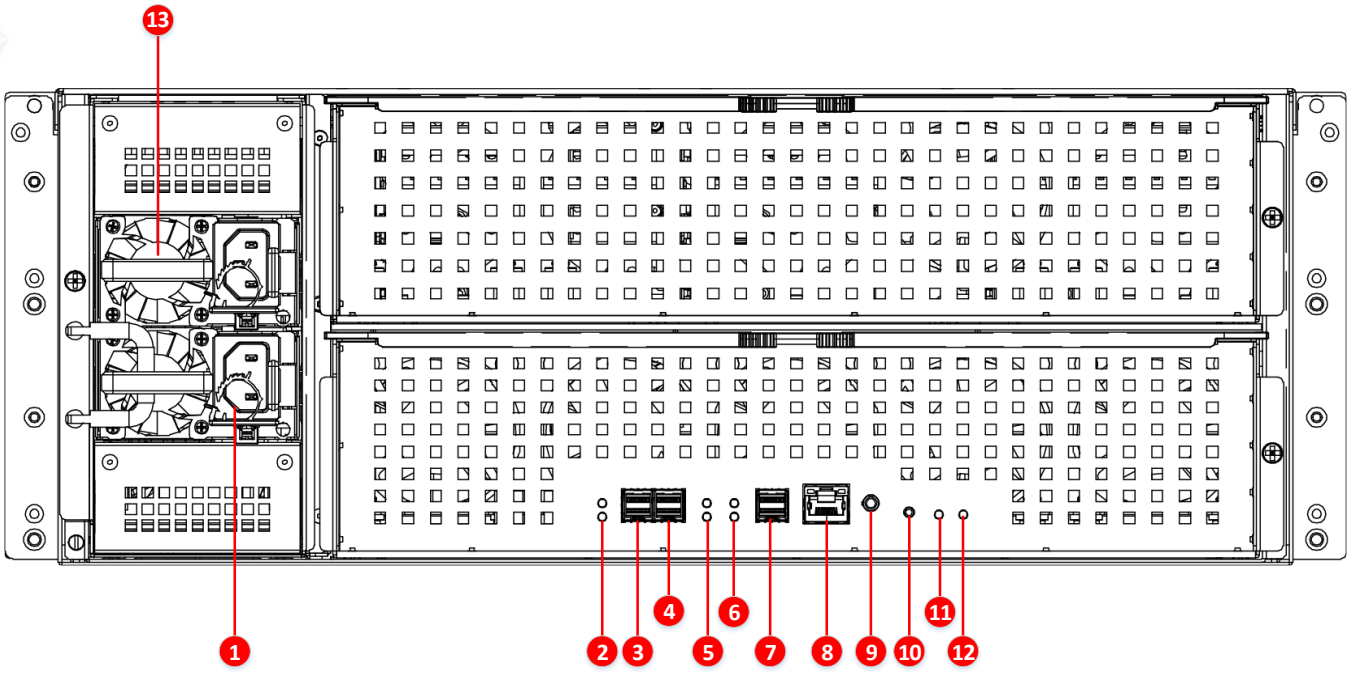
Available Model

DS-AJ7824S

Specification

Model		DS-AJ7824S
Controller	Number of controller	1
	SAS interface (upper-level)	2 (12 Gbps)
	SAS interface (lower-level)	1 (12 Gbps)
	Number of HDD interface	24
	HDD interface Type	SATA
	HDD hot swapping	Supported
	Power supply	Redundant (1+1)
	Applicable model	DS-A81016S, DS-A80624S
General	Chassis	4U
	Dimensions (W × D× H)	486 × 173 × 760 mm (19.1 × 6.8 × 29.9 in)
	Wight (without HDD)	40 kg (88.2 lb)
	Consumption (with max. HDD)	≤ 550 W
	Working temperature	5 °C to 40 °C (41°F to 104 °F)
	Storage temperature	-20 °C to +70 °C (-4°F to +158 °F)
	Working humidity	20% to 80% (non-condensing/frozen)
	Storage humidity	5% to 90%RH (non-condensing/frozen)

Physical Interface



No.	Name	No.	Name
1	Power module 1	8	Management network interface
2	SAS cable connection indicator	9	COM
3	Host (Up1)	10	Fn button
4	Host (Up2)	11	Fn indicator
5	SAS cable connection indicator	12	Power switch
6	SAS cable connection indicator	13	Power module 2
7	Exp (Down)		

Hikvision Tested and Recommended HDDs

Note: It is strongly recommended to use enterprise HDDs in RAID mode and iSCSI application for its stability feature. Please consult with Hikvision sales before using HDDs not listed below.

HDD model	Capacity (TB)	HDD model	Capacity (TB)	HDD model	Capacity (TB)
ST12000NM0008	12	ST4000NM0115	4	WD6002FRYZ-31	6
ST10000NM0478	10	ST2000NM0125	2	WD4002FYYZ-31	4
ST10000NM0086	10	ST4000NM0035	4	WD2005FBYZ	2
ST10000NM0016	10	ST3000NM0005	3	WD6002FRYZ	6
ST8000NM0055	8	ST2000NM0055	2	WD4002FYYZ	4
ST8000NM0016	8	ST1000NM0055	1	HUS726T4TALA6L4	4
ST6000NM0024	6	WD101KRYZ-01	10	HUS726T6TALE6L4	6
ST4000NM0024	4	WD101KRYZ-31	10	HKS728T8TALE-31	8
ST2000NM0024	2	WD8003FRYZ-31	8	HUS728T8TALE6L4	8
ST6000NM0115	6	WD8003FRYZ-01	8	HUH721212ALE-31	12