DS-AJ7824D Series Storage Enclosure

Introduction

DS-AJ7824D 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 SAS interfaces of HDD.
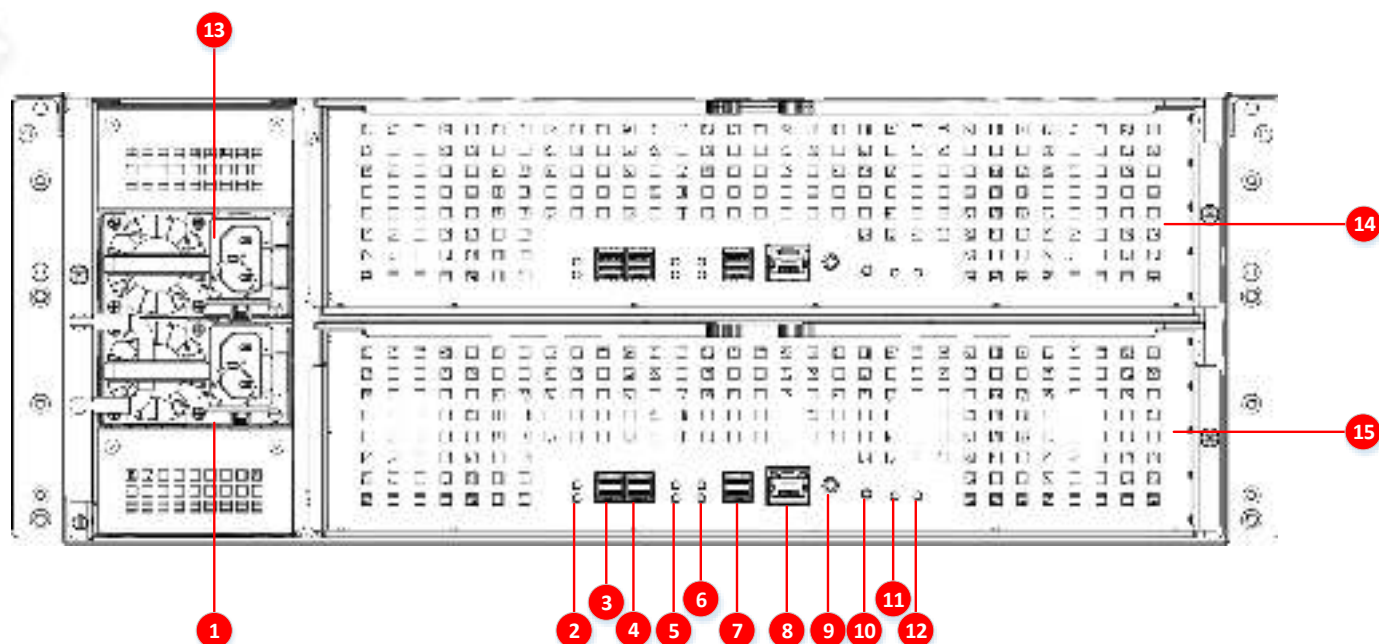- Up to 12 TB capacity for each HDD.

Available Model

DS-AJ7824D

Specification

Model		DS-AJ7824D
Controller	Number of controller	2
	SAS interface (upper-level)	2 (12 Gbps)
	SAS interface (lower-level)	1 (12 Gbps)
	Number of HDD interface	24
	HDD interface Type	SAS
	HDD hot swapping	Supported
	Power supply	Redundant (1+1)
	Applicable model	DS-A82024D
General	Chassis	4U
	Dimensions (W × D× H)	447 × 172 × 525 mm (17.6 × 6.8 × 20.7 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

Note: Here we list the interfaces of controller A. The interfaces of controller B are the same with them.

No.	Name	No.	Name
1	Power module 1	9	COM
2	SAS cable connection indicator	10	Fn button
3	Host (Up1)	11	Fn indicator
4	Host (Up2)	12	Power switch
5	SAS cable connection indicator	13	Power module 2
6	SAS cable connection indicator	14	Controller B
7	Exp (Down)	15	Controller A
8	Management network interface		

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)
ST12000NM0038	12	ST4000NM0125	4
ST10000NM0528	10	ST6000NM0095	6
ST10000NM0096	10	ST6000NM0034	6
ST8000NM0075	8	ST4000NM0034	4
ST8000NM0156	8	ST2000NM0024	2
ST1000NM0045	1	HUH721212AL5200	12
ST2000NM0045	2	HUS728T8TAL5204	8
ST3000NM0025	3	HUS726T4TAL5204	4
ST4000NM0025	4	HUS726T6TAL5204	6
ST2000NM0135	2		