

Specification

Model		DS-A83024S-ICVS	DS-A83048S-ICVS	
Performance	Video (2 Mbps)	320-ch	360-ch	
	Video (4 Mbps)	160-ch	200-ch	
Controller	Processor	2 Xeon 64-bit 6-core processors		
	Cache	64 GB standard, extendable to 384 GB		
HDD	HDD slot	24	48	
	Interface	SAS/SATA		
	Capacity	1 TB/2 TB/3 TB/4 TB/6 TB/8 TB/10 TB (enterprise HDD)		
	Hot-swapping	Supported		
	RAID	Network RAID: N + M: K, N + M ≤ 16, M ≥ K, N ∈ [1, 15], M ∈ [1, 4], K ∈ [1, 4]		
Storage Management	Disk management	Disk detection pre-alarm and repair		
	Cache protection	Supports customizing BBU in case of unexpected power failure to protect the cache data from being lost.		
Device Maintenance and Management	Management method	GUI based on web, serial port CLI, management based on platform		
	Alarm method	Audio, indicator, GUI		
Interfaces	Data network interface	6, 1000M Ethernet interface (8 × GbE or 4 × 10GbE is extendable)		
	Management network interface	1, 1000M Ethernet interface		
	SAS extension interface	3, 12 Gbps SAS 3.0		
	COM	2: 1 for RS-232, 1 for RS-485		
	USB	3 (2 × USB 3.0, 1 × USB 2.0)		
General	Power supply (rated)	Redundant 1 + 1, ≤ 550 W	Redundant 2 + 1, ≤ 1600 W	
	Consumption (with HDDs)	≤ 484 W	≤ 763 W	
	Environment temperature	<ul style="list-style-type: none"> ● Working: +5 °C to +40 °C (+41 °F to +104 °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) 		
	Dimension (W × H × D)	486 x 173 x 760 mm (19.1 x 6.8 x 29.9 inch)	486 x 344 x 750 mm (19.1 x 13.5 x 29.5 inch)	
	Weight (without HDDs)	≤ 43 kg (94.8 lb)	≤ 93 kg (205 lb)	