

HD Network Video Recorder Storage Expansion



Avigilon's end-to-end surveillance solutions deliver image detail no other system can match. Avigilon™ Control Center software, featuring High Definition Stream Management (HDSM)™ technology combined with our broad range of megapixel cameras (from 1 MP to 29 MP) provide unprecedented clarity—while effectively managing storage and bandwidth requirements. Our components are scalable and can work together in an end-to-end system, or can be customized to create your own powerful and cost-effective solution.

The innovative HD network video recorder is just one way Avigilon can help provide the very best monitoring and protection.



Avigilon's High Definition Network Video Recorder (NVR) Storage Expansion can be used to expand the recording capacity of any Avigilon NVR server. Enterprise-class reliability with a RAID 6 hard drive configuration and a redundant power supply ensure the safekeeping of all of your HD footage. Both the hard drives and power supplies are hot-swappable for online repairs. The storage expansion has up to a 30 TB effective recording capacity all in a 2U rack mount chassis. It connects directly to an NVR server using a SAS cable.

KEY FEATURES

- Expands recording capacity of any Avigilon High Definition Network Video Recorder Server
- RAID 6 hard drive configuration
- Up to 30 TB effective recording capacity (after RAID 6 applied)
- Hot-swappable hard drives and power supplies
- SAS connection to network video recorder
- 2U rack mount chassis

Specifications

SYSTEM	Hard Disk Drive Configuration	12, hot-swappable, RAID 6
	Recording Storage Capacity	Up to 30 TB effective (after RAID 6)
	NVR Connection	SAS

MECHANICAL	Form Factor	2U rack mount chassis
	Dimensions (LxWxH)	594 mm x 482 mm x 87 mm; 23.4" x 19" x 3.4"
	Weight	28.39 kg (62.6 lb)

ELECTRICAL	Power Input	100 to 240 VAC, 50/60 Hz, auto-switching
	Power Supply	Dual-redundant hot-swappable
	Power Consumption	600 W

ENVIRONMENTAL	Operating Temperature	10° C to 35° C (50° F to 95° F)
	Storage Temperature	-40° C to 65° C (-40° F to 149° F)
	Humidity	20 - 80% Relative humidity (non-condensing)
	Operating Altitude	-16 m to 3048 m (-50 ft to 10,000 ft)
	Storage Altitude	-16 m to 10,600 m (-50 ft to 35,000 ft)

SUPPLIED ACCESSORIES	Rack mount kit (brackets, rails, and hardware)
	Rack bezel
	Power cord
	SAS cable

CERTIFICATIONS	FCC, Class A	VCCI, Class A	SABS, Class A	GOST, Class A
	ICES, Class A	BSMI, Class A	KCC, Class A	
	CE, Class A	C-Tick, Class A	NEMKO, Class A	

ORDERING INFORMATION	HD-NVR-EXP2-10TB	10 TB RAID 6 expansion, 2U rack mount
	HD-NVR-EXP2-20TB	20 TB RAID 6 expansion, 2U rack mount
	HD-NVR-EXP2-30TB	30 TB RAID 6 expansion, 2U rack mount
	HD-NVR2-EXP2-CARD	Expansion card for connecting storage expansion to an HD-NVR