

Avigilon Video Archive

225TB

488TB

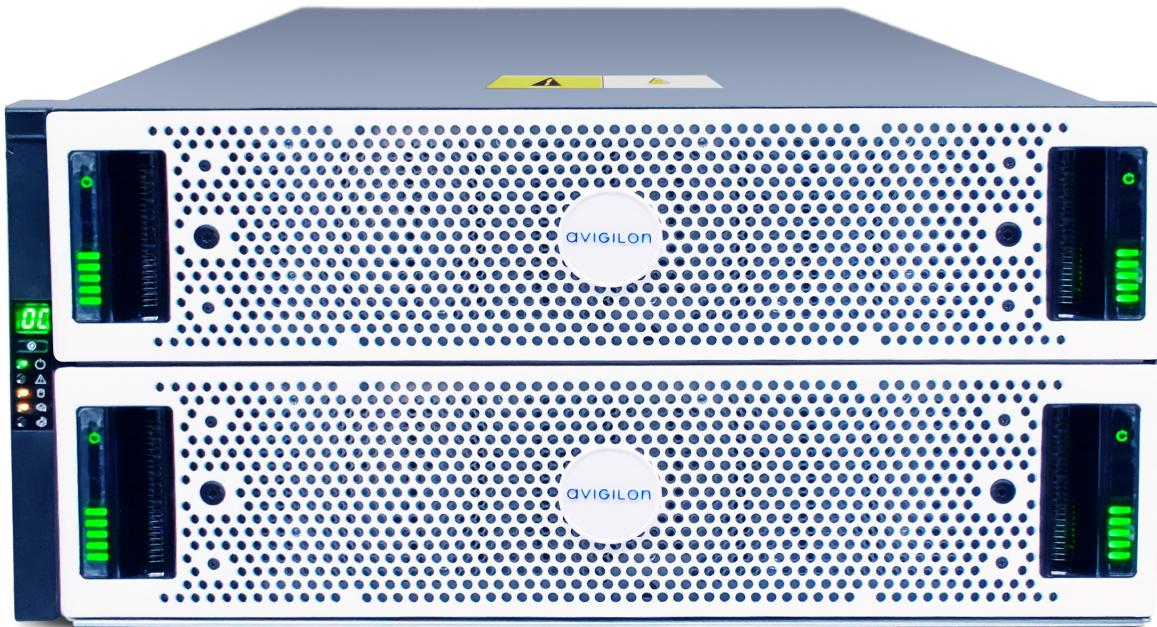
751TB

1PB

1.3PB

1.5PB

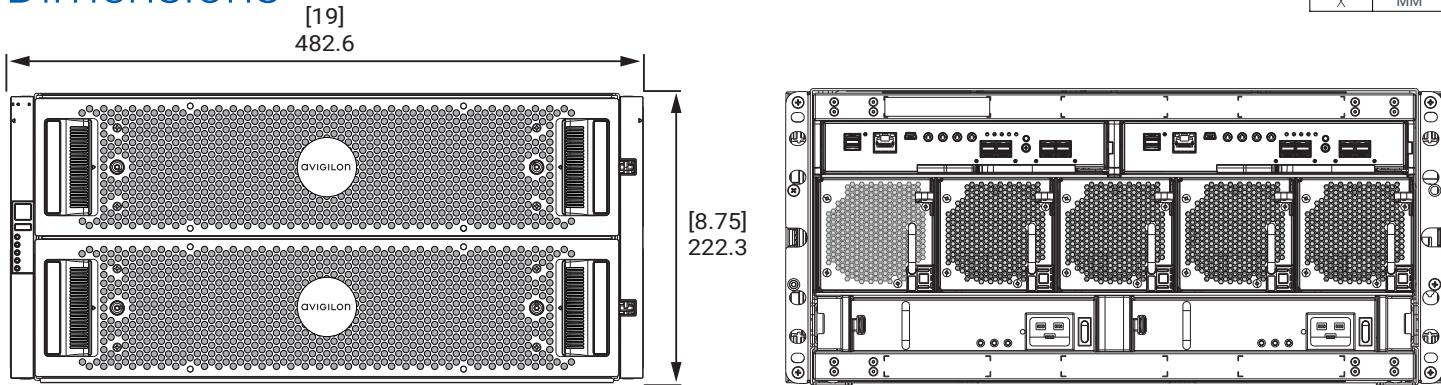
The Avigilon Video Archive is a scalable storage expansion solution that is fully integrated with Avigilon Control Center™ software and Network Video Recorders. This cost-effective technology offers an Avigilon-backed solution that helps deliver a complete, end-to-end video security platform. The Avigilon Video Archive is built on hardware technology that delivers superior reliability with no single point of failure and near zero downtime, ensuring video archives are preserved for swift on-demand retrieval and review.



Key Benefits

- **Pay as you grow** - Scalable from 336TB to 2PB (RAW) per Network Video Recorder with enterprise NL-SAS drives to cost-effectively grow in lock-step with your organization
- **Fully integrated with Avigilon Unity Video and Site Health** - Simplifies management of multiple Petabytes of data and provides system health status in Avigilon Unity Video™ dashboards
- **Maximize uptime** - Mission critical design with fully redundant architecture that eliminates any single point of failure
- **Prevent data loss** - Minimize risk of data loss and non-compliance via erasure coding's fast rebuild capability, vastly outperforming RAID alternatives
- **Avigilon-backed Support** - Up to 5 years of onsite support (Next business day) with "keep-your-drive" warranty that ensures no drive ever leaves your premises

Dimensions



Specifications

SYSTEM	Form Factor	5U Rackmount
	Maximum Storage	2 PB Raw or 1.5PB usable
	Drive Bays	84 × 3.5" Bays
	Hard Drives Supported	Nearline SAS
	Max Number of NVRs Connected	4 per Head Unit when attached directly 12 per Head Unit when using 2 network switches*
	Supported NVRs	NVR6 Standard/Premium Form D, Premium Plus Form H Models; NVR5, NVR4X, NVR4: Standard and Premium Models
	Supported Avigilon Unity Video/ Avigilon Control Center™ Editions	Version 7, Version 8
	Supported Operating Systems	Windows Server 2016, 2019, or 2022
	Connectivity	Redundant Path 10Gb iSCSI
	Ports	8 × SFP+ and 2 × 12Gb SAS
	Data Protection	Erasure Coding
	Controller	Dual Hot Swappable Redundant Storage Controllers
	Expansion Options	Internal disk packs and one Direct Attach SAS Expansion Chassis with up to 84 drives
	Warranty	3 Years Next Business Day on-site support (AVA-HED1-XXXTB, AVA-EXP1-XXXTB). 5 Years Next Business Day on-site support (AVA-HED1-XXXTB-5YR, AVA-EXP1-XXXTB-5YR). Keep Your Drive Warranty included.

* 12 NVRs must be connected through 2x 10GbE SFP+ network switches to ensure redundancy. The switches are not sold by Avigilon and should be sourced by the customer. Each switch must support at least 12x Downlink ports (1 per NVR) and 4x Uplink ports.

MECHANICAL	Power	200~240VAC, 2200W Dual Redundant
	Operating Temperature	5°C ~ 40°C (41°F~104°F)
	Operating Humidity	10 - 80% (non-condensing)
	Dimensions (W×D×H)	482.6mm × 892.2mm × 222.3mm; 19" × 35.12" × 8.75"
	Maximum Weight	135 kg; 298 lb

CERTIFICATIONS	Certifications/Directives	UL, cUL, CE, ROHS, RCM, NOM, BIS, BSMI, EAC, KC, NRCS, VCCI
	Safety	UL/CSA/EN/IEC/EN 62368-1
	Electromagnetic Emissions	FCC Part 15 Subpart B, IC ICES-003, EN 55032, EN 61000-3-2, EN 61000-3-3
	Electromagnetic Immunity	EN 55024

ORDERING INFORMATION	PRODUCTS	
	AVA-HED1-225TB	Avigilon Video Archive Head Unit, 225TB, 5U, 3-Year Support
	AVA-HED1-488TB	Avigilon Video Archive Head Unit, 488TB, 5U, 3-Year Support
	AVA-HED1-751TB	Avigilon Video Archive Head Unit, 751TB, 5U, 3-Year Support
	AVA-HED1-XXXTB-5YR	Avigilon Video Archive Head Unit, XXXTB, 5-Year Support
	AVA-EXP1-263TB	Avigilon Video Archive Expansion Unit, 263TB, 5U, 3-Year Support
	AVA-EXP1-526TB	Avigilon Video Archive Expansion Unit, 526TB, 5U, 3-Year Support
	AVA-EXP1-789TB	Avigilon Video Archive Expansion Unit, 789TB, 5U, 3-Year Support
	AVA-EXP1-XXXTB-5YR	Avigilon Video Archive Expansion Unit, XXXTB, 5-Year Support

VIDEO ARCHIVE ACCESSORIES

AVA-SAN-CONNECT-1	Avigilon Video Archive, SAN Networking Kit for Head Unit Connection, 1 cable and 1 transceiver
AVA-SAN-CONNECT-8	Avigilon Video Archive, SAN Networking Kit for Head Unit Connection, 8 cables and 8 transceivers
AVA-WARR-EXTEND-1YR	1-Year Warranty Extension for the Avigilon Video Archive
AVA-WARR-EXTEND-2YR	2-Year Warranty Extension for the Avigilon Video Archive

**ORDERING
INFORMATION
CONT.**

NVR6 ACCESSORIES

AVA-HED1-NVR6-FORM-H-CONNECT	Avigilon Video Archive, Connectivity Kit for NVR6 Premium Plus Form H
AVA-HED1-NVR6-FORM-D-CONNECT	Avigilon Video Archive, Connectivity Kit for NVR6 Premium and Standard Form D
NVR6-FORM-H-AVA-SAN-CONNECT	Avigilon Video Archive, SAN Networking Connectivity Kit for NVR6 Premium Plus Form H
NVR6-FORM-D-AVA-SAN-CONNECT	Avigilon Video Archive, SAN Networking Connectivity Kit for NVR6 Premium and Standard Form D
NVR6-AINVR2-STD-FORM-D-2NDCPU	NVR6 Standard Form D, 2nd CPU Kit (Required for NVR6 Standard Form D with AVA-HED1-NVR6-FORM-D-CONNECT and NVR6-FORM-D-AVA-SAN-CONNECT)

NVR5 ACCESSORIES

AVA-HED1-NVR5-CONNECT-B	Avigilon Video Archive, Connectivity Kit for NVR5 PRM 252/288/360/432TB
AVA-HED1-NVR5-CONNECT-A	Avigilon Video Archive, Connectivity Kit for NVR5 STD and NVR5 PRM 96/128/160/192/224TB
NVR5-AVA-SAN-CONNECT-B	Avigilon Video Archive, SAN Networking Connectivity Kit for NVR5 PRM 252/288/360/432TB
NVR5-AVA-SAN-CONNECT-A	Avigilon Video Archive, SAN Networking Connectivity Kit for NVR5 STD and NVR5 PRM 96/128/160/192/224TB
NVR5-STD-2NDCPU	NVR5 Standard, 2nd CPU Kit (Required for NVR5 STD with AVA-HED1-NVR5-CONNECT-A and NVR5-AVA-SAN-CONNECT-A)
NVR5-PSU-1100W-A1	1100 W hot-swappable power supply for NVR5 STD. 2nd power supply is required to run the 2nd CPU on NVR5 STD.

NVR4X ACCESSORIES

AVA-HED1-NVR4X-PRM1-CONNECT	Avigilon Video Archive, Connectivity Kit for NVR4X PRM 64/96/128/157TB, including 2nd CPU Kit
AVA-HED1-NVR4X-PRM2-CONNECT	Avigilon Video Archive, Connectivity Kit for NVR4X PRM 192/217TB
AVA-HED1-NVR4X-STD-CONNECT	Avigilon Video Archive, Connectivity Kit for NVR4X STD, including 2nd CPU Kit

NVR4 ACCESSORIES

AVA-HED1-NVR4-CONNECT	Avigilon Video Archive, Connectivity Kit for NVR4 PRM and NVR4 STD
HD-NVR4-STD-2NDCPU	NVR4 Standard, 2nd CPU Kit (Required for NVR4 STD with AVA-HED1-NVR4-CONNECT)