

Avigilon Video Archive

225TB

488TB

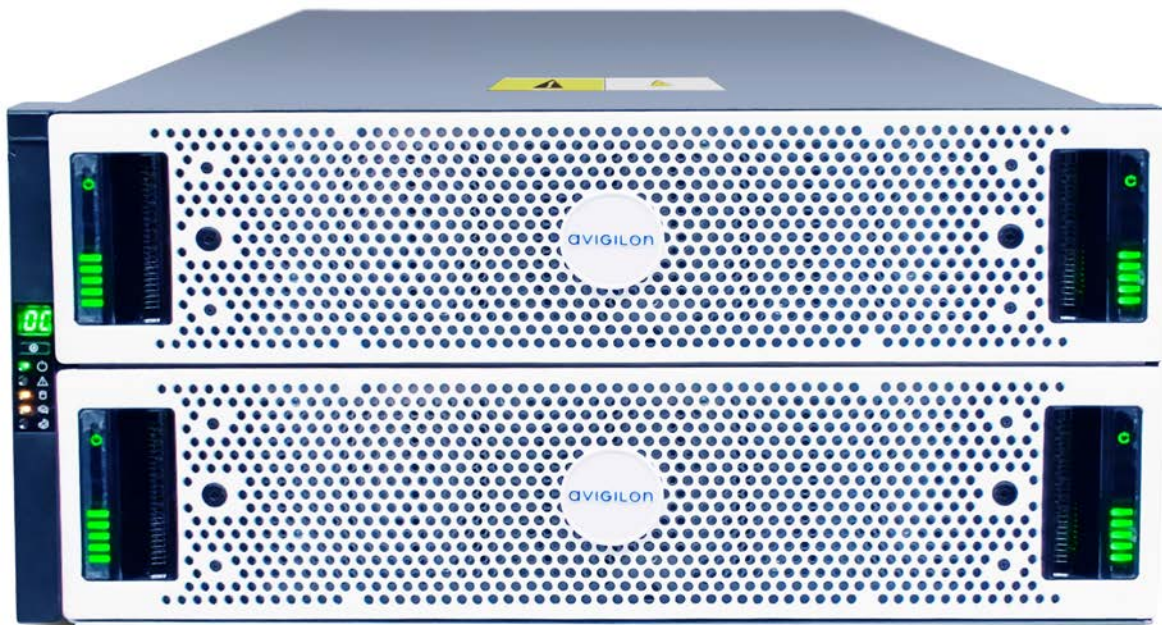
751TB

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.

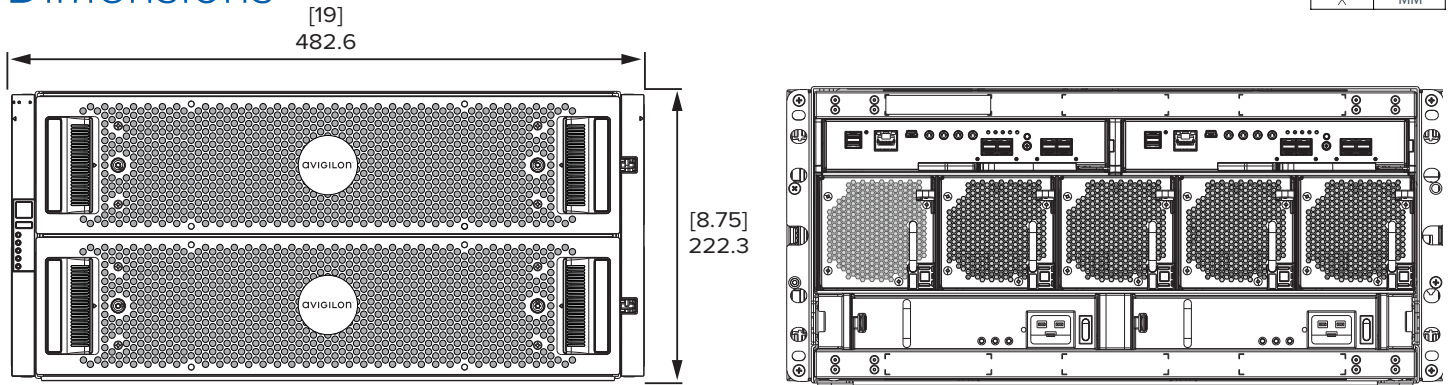


Key Benefits

- **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 ACC and Site Health** - Simplifies management of multiple Petabytes of data and provides system health status in ACC™ 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

| | |
|-------|--------|
| [X.X] | INCHES |
| X | MM |



Specifications

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| 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 | NVR5, NVR4X, NVR4: Standard and Premium Models |
| | Supported Operating Systems | Windows Server 2016 or 2019 |
| | Connectivity | Redundant Path 10Gb iSCSI |
| | Ports | 8 × SFP+ and 2 × 12Gb SAS |
| | Data Protection | Erasur 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 |
| | AVA-HDD1-263TB | Avigilon Video Archive, Expansion Disk Pack, 263TB |
| | 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.**

NVR5 ACCESSORIES

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| 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

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| 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

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|-----------------------|---|
| 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) |