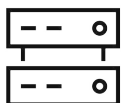


# AVIGILON™ Network Video Recorders

Uncompromising performance and reliability  
you can trust



Built to handle heavy-duty video workloads and flexible retention requirements without sacrificing performance, the sixth-generation **Avigilon Network Video Recorder (NVR6)** delivers where it matters: performance, reliability, and security. Quickly scale up from terabytes to petabytes of storage at a single location, as the NVR6 offers 16TB to 440TB storage options in a single NVR. Experience the might of a storage density that matches the compute density, supporting up to 400 recording and live streaming channels. Streamline your server deployment to save time and resources with NVR6, fully optimized and pre-configured with Avigilon Unity Video<sup>1</sup> software and Windows OS.



#### Flexible and scalable tier-1 storage

Offers flexible configurations for security teams to quickly scale up to 440 TB in Tier-1 storage capacity and tailor it to their unique retention requirements.



#### Quick & simple deployment with Avigilon Unity Video™ pre-configured

The NVR6 comes pre-configured with Avigilon Unity Video<sup>1</sup> software for secure network video recording and management of Avigilon cameras up to 61 MP resolution. Comes with Unity Video 8 installer available for upgrade.



#### Respond faster with AI-powered analytics support

Security teams can respond faster to critical events with the NVR6's seamless support for Avigilon Appearance Search, Facial Recognition, and LPR technologies.



#### Superior redundancy & reliable data storage

Reliable storage with RAID-configured redundancy offers a highly available and resilient system that protects your data. Our models include reliable hard drives with RAID6 (STD and PRM) or RAID60 (PRM PLUS) redundancy.



#### Strengthen cybersecurity

Designed with cybersecurity in mind, the NVR6 comes with a TPM 2.0 module built-in to support hardware Root of Trust authentication and data encryption.



#### Increase system uptime & productivity

Sites connected to the cloud and subscriber health can use system health monitoring to increase system availability, streamline maintenance time, and minimize on-site service calls.



#### Resolve technical issues end-to-end with a single-point-of-contact

Our NVR6s are backed by up to a 5-year warranty<sup>2</sup> and 24/7 lifetime technical support dedicated to Avigilon's End-to-End solution.

<sup>1</sup> Pre-installed with Avigilon Control Center 7. Unity Video 8 Installer for upgrade is available.

<sup>2</sup> NVR Value comes with a 3-year warranty only. Warranty coverage and support Service Level Agreement is subject to end user's geographic location. Please refer to [Avigilon Limited Warranty & Product Policies](#) (Supplement #1 for Form D chassis and Supplement #2 for Form H chassis) and our datasheet for more information.



**MOTOROLA SOLUTIONS**

# Analytics and Specifications



## Avigilon Appearance Search™

Quickly locates a specific person or vehicle of interest across an entire site using a sophisticated deep learning AI search engine. UNITY8/ACC7-ENT required



## Facial Recognition

Detects matches from managed watchlists to alert operators of people of interest. Requires Appearance Search and an additional license. UNITY8/ACC7-FACE required



## License Plate Recognition (LPR)

Significant improvements<sup>2</sup> in LPR performance compared to the previous generations of NVRs. Works with ACC software for accurate license plate capture at a range of distances and speeds. Requires an additional license. UNITY8/ACC7-LPR required



## Occupancy Counting

With cameras at entrances and exits, a running total of occupancy can be monitored in real time. ACS Required

| NVR6 Model   | Maximum Supported Cameras By Feature <sup>1</sup> |                                                     | Number of LPR Lanes <sup>2</sup> |                   |                    |                    |
|--------------|---------------------------------------------------|-----------------------------------------------------|----------------------------------|-------------------|--------------------|--------------------|
|              | Appearance Search Only <sup>3</sup>               | Facial Recognition + Appearance Search <sup>3</sup> | 5 FPS (<16 KM/H)                 | 10 FPS (<48 KM/H) | 20 FPS (<100 KM/H) | 30 FPS (<150 KM/H) |
| Premium Plus | 220                                               | 60                                                  | 60                               | 30                | 15                 | 10                 |
| Premium      | 200                                               | 50                                                  | 40                               | 20                | 10                 | 6                  |
| Standard     | 90                                                | 50                                                  | 22                               | 11                | 5                  | 3                  |

<sup>1</sup> Assumes each channel consists of a H.264/H.265 2MP 30 FPS primary stream and a low resolution 30 FPS secondary stream with moderate ONVIF Profile S motion metadata as well as appliance-wide average per camera rates of classified objects leaving field of view:

- H6A/H5A Cameras - One every second;
- H4A Cameras - One every two seconds.

Each multisensor camera with 3-4 sensors is considered equivalent to 3-4 cameras.

Additional licenses may be required. For more information, contact Avigilon Sales.

<sup>2</sup> Assumes a 3 MP camera with 1 MP license plate scan area and Frames Per Second (FPS) to recognize license plates up to vehicle speeds in Kilometers Per Hour (KM/H) . Results may vary according to camera mounting parameters.

<sup>3</sup> Requires H6A/H5A or H4A cameras and ACC 7.14.32 / Unity Video 8.3.0.



# Specifications

| System                                                                                   |                      | NVR6 Premium Plus Form H                                              | NVR6 Premium Form D                               | NVR6 Standard Form D <sup>1</sup>                                      |
|------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------|
| Capacity                                                                                 |                      | 200/240/280/360/440 TB                                                | 72/96/120/160/200 TB                              | 16/24/32/48/64 TB                                                      |
| Avigilon Unity Video/Avigilon Control Center™ Edition                                    |                      | Version 7 (factory installed), Version 8 upgrade available on machine |                                                   |                                                                        |
| Video Streaming Performance (10 GbE or 1 GbE Teamed - Multiple Connections) <sup>2</sup> | Recording Rate:      | Up to 1500/1675/1870/2300/2700Mbps, increasing with storage capacity  | Up to 1500 Mbps                                   | Up to 900 Mbps                                                         |
|                                                                                          | Recording Channels:  | Up to 220/245/275/335/400, increasing with storage capacity           | Up to 200                                         | Up to 130                                                              |
|                                                                                          | Livestream Rate:     | Up to 1500/1675/1870/2300/2700 Mbps, increasing with storage capacity | Up to 1500 Mbps                                   | Up to 900 Mbps                                                         |
|                                                                                          | Livestream Channels: | Up to 220/245/275/335/400, increasing with storage capacity           | Up to 200                                         | Up to 130                                                              |
|                                                                                          | Playback Rate:       | Up to 340/370/400/500/680 Mbps, increasing with storage capacity      | Up to 600 Mbps                                    | Up to 600 Mbps                                                         |
|                                                                                          | Playback Channels:   | Up to 50/55/60/75/100, increasing with storage capacity               | Up to 80                                          | Up to 80                                                               |
| Video Streaming Performance (1 GbE - Non-Teamed - Multiple Connections) <sup>2</sup>     | Recording Rate:      | Up to 800 Mbps                                                        | Up to 800 Mbps                                    | Up to 800 Mbps                                                         |
|                                                                                          | Recording Channels:  | Up to 120                                                             | Up to 120                                         | Up to 120                                                              |
|                                                                                          | Livestream Rate:     | Up to 800 Mbps                                                        | Up to 800 Mbps                                    | Up to 800 Mbps                                                         |
|                                                                                          | Livestream Channels: | Up to 120                                                             | Up to 120                                         | Up to 120                                                              |
|                                                                                          | Playback Rate:       | Up to 340/370/400/500/680 Mbps, increasing with storage capacity      | Up to 600 Mbps                                    | Up to 600 Mbps                                                         |
|                                                                                          | Playback Channels:   | Up to 50/55/60/75/100, increasing with storage capacity               | Up to 80                                          | Up to 80                                                               |
| Operating System                                                                         |                      | Windows Server 2022 LTSC                                              |                                                   | Windows Server 2022 LTSC or Windows 10 IoT Enterprise LTSC 2021        |
| Hard Disk Drive Configuration                                                            | Video Data:          | RAID 60 Up to 26 × 3.5" NLSAS Drives, hot-swappable                   | RAID 6 Up to 12 × 3.5" SATA Drives, hot-swappable | RAID 6 Up to 10 × 3.5" SATA Drives, hot-swappable                      |
|                                                                                          | Operating System:    | 2 × 480 GB NVMe SSD Drives, RAID 1                                    | 2 × 480 GB M.2 SSD Drives, RAID 1                 |                                                                        |
| Network Interface <sup>3</sup>                                                           |                      | 4 × 10 GbE SFP+ ports<br>4 × 1 GbE RJ-45 ports                        | 4 × 10 GbE SFP+ ports<br>6 × 1 GbE RJ-45 ports    | 2 × 10 GbE SFP+ ports <sup>1</sup> (optional)<br>6 × 1 GbE RJ-45 ports |
| Memory                                                                                   |                      | 8 × 16 GB DDR5                                                        | 4 × 16 GB DDR5                                    | 2 × 16 GB DDR5                                                         |
| Processor                                                                                |                      | 2 × Intel® 16-core Xeon®                                              | 2 × Intel® 8-core Xeon®                           | 1 × Intel® 8-core Xeon®                                                |
| License Plate Recognition                                                                |                      | Supported <sup>4</sup>                                                |                                                   |                                                                        |
| Appearance Search and Facial Recognition on Avigilon Analytic Cameras                    |                      | Supported <sup>4</sup>                                                |                                                   |                                                                        |

<sup>1</sup>10 GbE networking requires installation of the optional 10 GbE Kit (NVR6-AINVR2-FORM-D-10GBE), sold separately. Equal performance can be achieved with multiple 1 GbE connections.

<sup>2</sup>Assumes each channel consists of a H.264/H.265 2MP 30 FPS primary stream and a low resolution 30 FPS secondary stream with moderate ONVIF Profile S motion metadata.

<sup>3</sup>Direct Attach Cables (NVR6-AINVR2-FORM-H-SFPPLUS-DA for NVR6 Premium Plus or NVR6-AINVR2-FORM-D-SFPPLUS-DA for all NVR6 Premium/Standard) or system-specific SFP+ transceivers (NVR6-AINVR2-FORM-H-SFPPLUS-SR for NVR6 Premium Plus, NVR6-AINVR2-FORM-D-SFPPLUS-SR for NVR6 Premium/Standard) sold separately.

<sup>4</sup>Purchase of license required, refer to the list of features under "[Analytics and Specifications](#)" on the [previous page](#) for more information.



| System (continued)         | NVR6 Premium Plus Form H                                                                                                                                                 | NVR6 Premium Form D                                                                                                                                                      | NVR6 Standard Form D                                                                                                                                                                                           |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recording Storage Capacity | Up to 520 TB raw; 440 TB effective (RAID 60)                                                                                                                             | Up to 240 TB raw; 200 TB effective (RAID 6)                                                                                                                              | Up to 80 TB raw; 64 TB effective (RAID 6)                                                                                                                                                                      |
| Video Outputs              | 1 × VGA                                                                                                                                                                  |                                                                                                                                                                          |                                                                                                                                                                                                                |
| Local Viewing              | No                                                                                                                                                                       |                                                                                                                                                                          |                                                                                                                                                                                                                |
| Out-of-band Management     | iLO Advanced                                                                                                                                                             | iDRAC 9 Enterprise                                                                                                                                                       |                                                                                                                                                                                                                |
| Warranty                   | 5-year 4-hour mission critical "Form H" warranty with onsite parts delivery service. 5-year keep your drive warranty upgrade available. Refer to Warranty Supplement #2. | 5-year 4-hour mission critical "Form D" warranty with onsite parts delivery service. 5-year keep your drive warranty upgrade available. Refer to Warranty Supplement #1. | 5-year NBD (Next Business Day) "Form D" warranty with onsite parts delivery service. 5-year keep your drive warranty and 4-hour mission critical warranty upgrades available. Refer to Warranty Supplement #1. |

| Mechanical             | NVR6 Premium Plus Form H                                  | NVR6 Premium Form D                                     | NVR6 Standard Form D |
|------------------------|-----------------------------------------------------------|---------------------------------------------------------|----------------------|
| Form Factor            | 2U Rack Mount Form H High Density Chassis                 | 2U Rack Mount Form D Chassis                            |                      |
| Dimensions (L x W x H) | 812.80 mm × 448.0 mm × 87.5 mm<br>32.00" × 17.63" × 3.44" | 721.6 mm × 482.0 mm × 86.8 mm<br>28.4" × 18.98" × 3.42" |                      |
| Weight                 | Max: 42.8 kg (95 lbs)                                     | Max: 28.6 kg (63 lbs)                                   |                      |

| Electrical        | NVR6 Premium Plus Form H                 | NVR6 Premium Form D         | NVR6 Standard Form D                                      |
|-------------------|------------------------------------------|-----------------------------|-----------------------------------------------------------|
| Power Input       | 100 to 240 VAC, 50/60 Hz, auto-switching |                             |                                                           |
| Power Supply      | Dual (1+1) 1000 W redundant              | Dual (1+1) 1400 W redundant | Single 1400 W, optional redundant power supply available. |
| Power Consumption | Maximum 1000 W (3413 BTU/h)              | Maximum 988 W (3371 BTU/h)  | Maximum 725 W (2473 BTU/h)                                |
| Power Efficiency  | Titanium                                 | Platinum                    |                                                           |

| Environmental         | NVR6 Premium Plus Form H                                                                          | NVR6 Premium Form D                                                                            | NVR6 Standard Form D |
|-----------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------|
| Operating Temperature | 10°C to 30°C (50°F to 86°F)                                                                       | 10°C to 35°C (50°F to 95°F)                                                                    |                      |
| Storage Temperature   | -30°C to 60°C (-22°F to 140°F)                                                                    | -40°C to 65°C (-40°F to 149°F)                                                                 |                      |
| Operating Humidity    | 8% to 90% relative humidity with 28°C (82.4°F) max dew point                                      | 8% to 80% relative humidity with 21°C (69.8°F) max dew point                                   |                      |
| Storage Humidity      | 5% to 95% RH with 38.7°C (101.7°F) max dew point. Atmosphere must be non-condensing at all times. | 5% to 95% RH with 27°C (80.6°F) max dew point. Atmosphere must be non-condensing at all times. |                      |
| Operating Vibration   | 0.15 Grms at 10 Hz to 300 Hz                                                                      | 0.21 Grms at 5 Hz to 500 Hz                                                                    |                      |
| Storage Vibration     | 0.5 Grms at 10 Hz to 500 Hz                                                                       | 1.88 Grms at 10 Hz to 500 Hz                                                                   |                      |
| Operating Shock       | 2 G                                                                                               | 6 G                                                                                            |                      |
| Storage Shock         | 15 G                                                                                              | 71 G                                                                                           |                      |
| Operating Altitude    | 3,050 m (10,000 ft)                                                                               |                                                                                                |                      |
| Storage Altitude      | 9,144 m (30,000 ft)                                                                               | 12,000 m (39,370 ft)                                                                           |                      |

| Certifications                      | NVR6 Premium Plus Form H                                                                            | NVR6 Premium Form D                                                                  | NVR6 Standard Form D |
|-------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------|
| Certifications/Approvals            | UL, cUL, CE, NRCS, NOM, RCM, VCCI, BSMI, CCC, KC, UKCA, RoHS, BIS, CMIM                             | UL, cUL, CE, NRCS, NOM, RCM, VCCI, BSMI, CCC, KC, UKCA, RoHS, CMIM, BIS <sup>1</sup> |                      |
| Safety Standards                    | UL/CSA/IEC/EN 62368-1                                                                               |                                                                                      |                      |
| Electromagnetic Emissions Standards | FCC Part 15 Subpart B (Class A), ICES-003 (Class A), EN 55032 (Class A), EN 61000-3-2, EN 61000-3-3 |                                                                                      |                      |
| Electromagnetic Immunity Standards  | EN 55035                                                                                            |                                                                                      |                      |

<sup>1</sup>Sales orders for all models shipping to India must include a special note that "BIS certification is required".



| Supplied Accessories | NVR6 Premium Plus Form H                                             | NVR6 Premium Form D                                | NVR6 Standard Form D                                                 |
|----------------------|----------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------|
| Rack Rail System     | Shelf-Mount Adjustable Rail Kit                                      | ReadyRails Sliding Rails with Cable Management Arm |                                                                      |
| Bezel                | 1, front                                                             |                                                    |                                                                      |
| Power Cords          | 4 total:<br>2 × C13 / C14, 2 × regional variant (from options below) |                                                    | 2 total:<br>1 × C13 / C14, 1 × regional variant (from options below) |

(NA) NEMA 5-15P / C13
 

(UK) BS1363 / C13
 

(EU) SCHUKO / C13
 

(AU) AS3112 / C13
 

Outline Dimensions

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

NVR6 Premium Plus Form H (200 240 280 360 440 TB)

Form Factor

2U Rack Mount Form H High Density Chassis

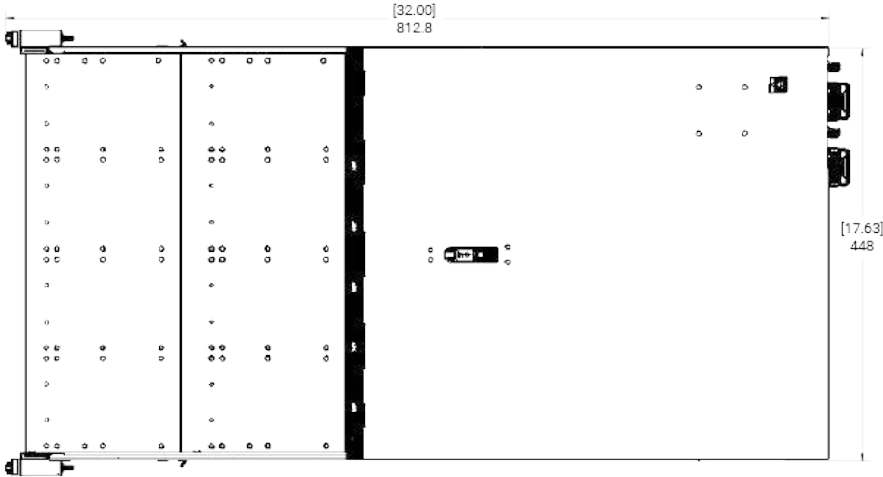
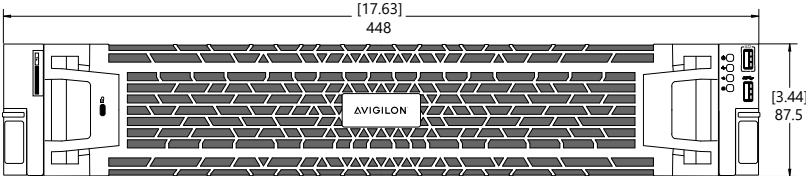
Dimensions (L × W × H)

812.8 mm × 448.0 mm × 87.5 mm

32.00" × 17.63" × 3.44"

Weight (when fully populated with hard drives)

42.8 kg [95 lbs]



## NVR6 Premium Form D (72 96 120 160 200 TB) & NVR6 Standard Form D (16 24 32 48 64 TB)

### Form Factor

2U Rack Mount Form D Chassis

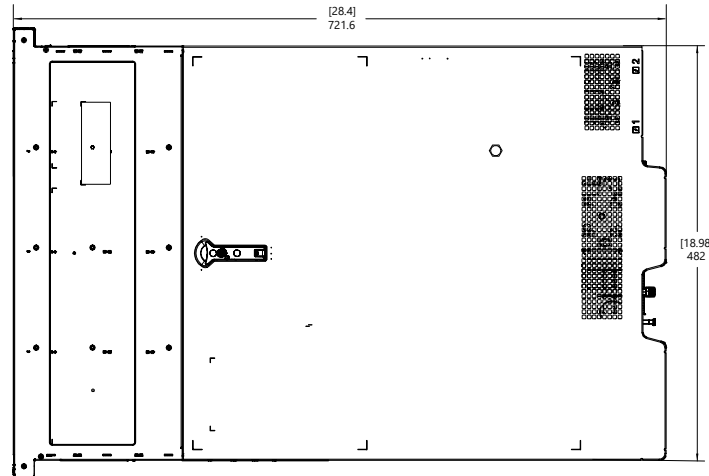
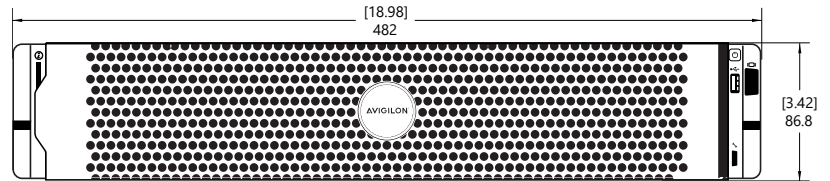
### Dimensions (L × W × H)

721.6 mm × 482.0 mm × 86.8 mm

28.4" × 18.98" × 3.42"

### Weight (when fully populated with hard drives)

28.6 kg [63 lbs]



## Ordering Information

### NVR6 Premium Plus Form H

|                                |                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------|
| NVR6-PRM-PLUS-FORM-H-440TB-S22 | NVR6 Premium Plus Form H 440 TB (520 TB Raw) with Windows Server 2022 LTSC and ACC 7 |
| NVR6-PRM-PLUS-FORM-H-360TB-S22 | NVR6 Premium Plus Form H 360 TB (440 TB Raw) with Windows Server 2022 LTSC and ACC 7 |
| NVR6-PRM-PLUS-FORM-H-280TB-S22 | NVR6 Premium Plus Form H 280 TB (360 TB Raw) with Windows Server 2022 LTSC and ACC 7 |
| NVR6-PRM-PLUS-FORM-H-240TB-S22 | NVR6 Premium Plus Form H 240 TB (320 TB Raw) with Windows Server 2022 LTSC and ACC 7 |
| NVR6-PRM-PLUS-FORM-H-200TB-S22 | NVR6 Premium Plus Form H 200 TB (280 TB Raw) with Windows Server 2022 LTSC and ACC 7 |

### NVR6 Premium Form D

|                           |                                                                                 |
|---------------------------|---------------------------------------------------------------------------------|
| NVR6-PRM-FORM-D-200TB-S22 | NVR6 Premium Form D 200 TB (240 TB Raw) with Windows Server 2022 LTSC and ACC 7 |
| NVR6-PRM-FORM-D-160TB-S22 | NVR6 Premium Form D 160 TB (200 TB Raw) with Windows Server 2022 LTSC and ACC 7 |
| NVR6-PRM-FORM-D-120TB-S22 | NVR6 Premium Form D 120 TB (144 TB Raw) with Windows Server 2022 LTSC and ACC 7 |
| NVR6-PRM-FORM-D-96TB-S22  | NVR6 Premium Form D 96 TB (120 TB Raw) with Windows Server 2022 LTSC and ACC 7  |
| NVR6-PRM-FORM-D-72TB-S22  | NVR6 Premium Form D 72 TB (88 TB Raw) with Windows Server 2022 LTSC and ACC 7   |

### NVR6 Standard Form D

|                          |                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------|
| NVR6-STD-FORM-D-64TB-S22 | NVR6 Standard Form D 64 TB (80 TB Raw) with Windows Server 2022 LTSC and ACC 7            |
| NVR6-STD-FORM-D-64TB-W10 | NVR6 Standard Form D 64 TB (80 TB Raw) with Windows 10 IoT Enterprise LTSC 2021 and ACC 7 |
| NVR6-STD-FORM-D-48TB-S22 | NVR6 Standard Form D 48 TB (64 TB Raw) with Windows Server 2022 LTSC and ACC 7            |
| NVR6-STD-FORM-D-48TB-W10 | NVR6 Standard Form D 48 TB (64 TB Raw) with Windows 10 IoT Enterprise LTSC 2021 and ACC 7 |
| NVR6-STD-FORM-D-32TB-S22 | NVR6 Standard Form D 32 TB (48 TB Raw) with Windows Server 2022 LTSC and ACC 7            |
| NVR6-STD-FORM-D-32TB-W10 | NVR6 Standard Form D 32 TB (48 TB Raw) with Windows 10 IoT Enterprise LTSC 2021 and ACC 7 |
| NVR6-STD-FORM-D-24TB-S22 | NVR6 Standard Form D 24 TB (32 TB Raw) with Windows Server 2022 LTSC and ACC 7            |
| NVR6-STD-FORM-D-24TB-W10 | NVR6 Standard Form D 24 TB (32 TB Raw) with Windows 10 IoT Enterprise LTSC 2021 and ACC 7 |
| NVR6-STD-FORM-D-16TB-S22 | NVR6 Standard Form D 16 TB (24TB Raw) with Windows Server 2022 LTSC and ACC 7             |
| NVR6-STD-FORM-D-16TB-W10 | NVR6 Standard Form D 16 TB (24TB Raw) with Windows 10 IoT Enterprise LTSC 2021 and ACC 7  |



## Avigilon Unity Video / Avigilon Control Center Software Licenses

|                |                                                                                          |
|----------------|------------------------------------------------------------------------------------------|
| ACC7-ENT       | ACC 7 Enterprise Edition license                                                         |
| ACC7-STD       | ACC 7 Standard Edition license                                                           |
| ACC7-COR       | ACC 7 Core Edition license                                                               |
| ACC7-VAC       | ACC 7 Video Analytics feature channel license — Required for Classified Object Detection |
| ACC7-FACE      | ACC 7 Facial Recognition feature channel license                                         |
| ACC7-FACE-10C  | ACC 7 Facial Recognition feature 10 channel license                                      |
| ACC7-LPR       | ACC 7 LPR lane license                                                                   |
| UNITY8-ENT     | Avigilon Unity Video 8 Enterprise Edition license                                        |
| UNITY8-STD     | Avigilon Unity Video 8 Standard Edition license                                          |
| UNITY8-COR     | Avigilon Unity Video 8 Core Edition license                                              |
| UNITY8-FACE    | Avigilon Unity Video 8 Facial Recognition feature channel license                        |
| UNITY8-FACE-10 | Avigilon Unity Video 8 Facial Recognition feature 10 channel license                     |
| UNITY8-LPR     | Avigilon Unity Video 8 LPR lane license                                                  |

## Options and Accessories

### NVR6 Premium Plus Form H

|                                          |                                                                                                                                    |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| NVR6-AINVR2-FORM-H-SFPPLUS-DA            | 3 m (10 ft) SFP+ 10 GbE Twinax Direct Attach cable                                                                                 |
| NVR6-AINVR2-FORM-H-SFPPLUS-SR            | SFP+ Transceivers for Short Range (Multi-mode) on server side                                                                      |
| NVR6-AINVR2-FORM-H-SFPPLUS-LR            | SFP+ Transceivers for Long Range (Single-mode) between network switches                                                            |
| NVR6-AINVR2-FORM-H-HDDN-HOT-20TB         | Spare hard drive, 20 TB NLSAS, front/rear bay, compatible with NVR6 / AI NVR 2 Premium Plus Form H                                 |
| NVR6-AINVR2-FORM-H-10GBASET              | Network Card, OCP Dual Port 10 G-Base-T                                                                                            |
| NVR6-AINVR2-FORM-H-RAM-32GB              | 32 GB RAM Upgrade Kit, 2 × 16 GB DDR5 DIMMs                                                                                        |
| NVR6-AINVR2-FORM-H-PSU-1000W             | 1000 W Flex Slot Titanium Hot Plug/Swappable Power Supply Kit, includes regional variant of power cord                             |
| NVR6-AINVR2-PRM-PLUS-FORM-H-KYD-WARR-5YR | 5-year Keep-Your-Drive Warranty Upgrade                                                                                            |
| NVR6-FORM-H-AVA-SAN-CONNECT              | Connectivity Kit for AVA SAN networking (requires AVA Transceiver and Fiber Optic Cables included in AVA-HED1-NVR6-FORM-H-CONNECT) |
| AVA-HED1-NVR6-FORM-H-CONNECT             | AVA Connectivity Kit for Direct Attachment                                                                                         |

### NVR6 Premium Form D

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| NVR6-AINVR2-FORM-D-SFPPLUS-DA         | 3 m (10 ft) SFP+ 10 GbE Twinax Direct Attach cable                                                 |
| NVR6-AINVR2-FORM-D-SFPPLUS-SR         | SFP+ Transceivers for Short Range (Multi-mode) on server side                                      |
| NVR6-AINVR2-FORM-D-SFPPLUS-LR         | SFP+ Transceivers for Long Range (Single-mode) between network switches                            |
| NVR6-AINVR2-PRM-FORM-D-HDDS-HOT-20TB  | Spare hard drive, 20 TB SATA, front bay, compatible with NVR6 / AI NVR 2 Premium Form D 160/200 TB |
| NVR6-AINVR2-FORM-D-HDDS-HOT-12TB      | Spare hard drive, 12 TB SATA, front bay, compatible with NVR6 / AI NVR 2 Premium Form D 96-120 TB  |
| NVR6-AINVR2-FORM-D-HDDS-HOT-8TB       | Spare hard drive, 8 TB SATA, front bay, compatible with NVR6 / AI NVR 2 Premium Form D 72 TB       |
| NVR6-AINVR2-FORM-D-10GBE              | Network Card, Dual Port 10 GbE SFP+                                                                |
| NVR6-AINVR2-FORM-D-10GBASET           | Network Card, QP 10 G-Base-T                                                                       |
| NVR6-AINVR2-FORM-D-RAM-32GB           | 32 GB RAM Upgrade Kit for 1 CPU Processor Only, 2 × 16 GB DDR5 DIMMs                               |
| NVR6-AINVR2-FORM-D-PSU-1400W          | 1400 W Hot Plug/Swappable Power Supply Kit, includes regional variant of power cord                |
| NVR6-FORM-D-AVA-SAN-CONNECT           | Connectivity Kit for AVA SAN networking                                                            |
| AVA-HED1-NVR6-FORM-D-CONNECT          | AVA Connectivity Kit for Direct Attachment                                                         |
| NVR6-FORM-D-KYD-WARR-5YR              | 5-year Keep-Your-Drive Warranty Upgrade                                                            |
| NVR6-AINVR2-STDPRM-FORM-D-STATIC-RAIL | Static Rail Kit                                                                                    |

### NVR6 Standard Form D

|                                 |                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------|
| NVR6-AINVR2-FORM-D-SFPPLUS-DA   | 3 m (10 ft) SFP+ 10 GbE Twinax Direct Attach cable                                               |
| NVR6-AINVR2-FORM-D-SFPPLUS-SR   | SFP+ Transceivers for Short Range (Multi-mode) on server side                                    |
| NVR6-AINVR2-FORM-D-SFPPLUS-LR   | SFP+ Transceivers for Long Range (Single-mode) between network switches                          |
| NVR6-AINVR2-FORM-D-HDDS-HOT-8TB | Spare hard drive, 8 TB SATA, front bay, compatible with NVR6 / AI NVR 2 Standard Form D 32-64 TB |
| NVR6-AINVR2-FORM-D-HDDS-HOT-4TB | Spare hard drive, 4 TB SATA, front bay, compatible with NVR6 / AI NVR 2 Standard Form D 16-24 TB |



|                                       |                                                                                                                                     |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| NVR6-AINVR2-FORM-D-10GBE              | Network Card, Dual Port 10 GbE SFP+                                                                                                 |
| NVR6-AINVR2-FORM-D-10GBASET           | Network Card, QP 10 G-Base-T                                                                                                        |
| NVR6-AINVR2-FORM-D-RAM-32GB           | 32 GB RAM Upgrade Kit for 1 CPU Processor Only, 2 × 16 GB DDR5 DIMMs                                                                |
| NVR6-AINVR2-STD-FORM-D-2NDCPU         | 2nd CPU Upgrade Kit, 2 × 16 GB DDR5 DIMMs                                                                                           |
| NVR6-AINVR2-FORM-D-PSU-1400W          | 1400 W Hot Plug/Swappable Power Supply Kit, includes regional variant of power cord                                                 |
| NVR6-FORM-D-AVA-SAN-CONNECT           | Connectivity Kit for AVA SAN networking, (requires AVA Transceiver and Fiber Optic Cables included in AVA-HED1-NVR6-FORM-D-CONNECT) |
| AVA-HED1-NVR6-FORM-D-CONNECT          | AVA Connectivity Kit for Direct Attachment (requires 2nd CPU for NVR6 Standard)                                                     |
| NVR-FORM-D-KYD-WARR-5YR               | 5-year Keep-Your-Drive Warranty Upgrade                                                                                             |
| NVR6-AINVR2-STD-FORM-D-WARR-5Y4HMC    | 5-year 4-Hour-Mission-Critical Warranty Upgrade                                                                                     |
| NVR6-AINVR2-STDPRM-FORM-D-STATIC-RAIL | Static Rail Kit                                                                                                                     |



# Support

For product support, visit: [avigilon.com](https://avigilon.com) or [sales@avigilon.com](mailto:sales@avigilon.com)

To learn more, visit: [avigilon.com/nvr-systems/nvr6](https://avigilon.com/nvr-systems/nvr6)



# AVIGILON™

Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. [motorolasolutions.com](https://motorolasolutions.com)

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