

AVIGILON™

AI NVR 2

Cloud-ready enterprise hardened recorder with AI at its core

Modernize your video security infrastructure with the cloud-ready **Artificial Intelligence Network Video Recorder 2 (AI NVR 2)**. A workhorse for small-to-large enterprise sites, AI NVR 2 bridges the IT resource and analytics gaps, now available from 6TB to 440TB, supporting up to 400 cameras. Alleviates costly downtime and time-consuming upgrades with its remote management capabilities from a single pane of glass on Avigilon Hardened OS. Protect your critical assets using Avigilon's AdaptAI 5 server-side analytics¹, which is deployable with any existing non-analytic camera. Locate people or vehicles of interest with Avigilon Appearance Search, Facial Recognition and License Plate Recognition as well as detect brandished firearms using Visible Firearm Detection².



AdaptAI 5 server-side analytics¹ and LPR for non-analytic cameras

The first of its kind to bring AdaptAI 5 analytics and License Plate Recognition to your existing non-analytic cameras.



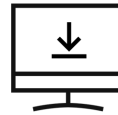
Firearm-in-hand detection

Help detect brandished firearms, including handguns and long guns, with Visible Firearm Detection.



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

Our AI NVRs are backed by up to a 5-year warranty⁴ and 24/7 lifetime phone support dedicated to Avigilon's End-to-End solution.



Easy upgrades

Remotely upgrade the AI NVR 2, cameras, and clients with a single signed and encrypted firmware package.



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

The AI NVR 2 comes pre-configured with Avigilon Unity Video³ software for secure network video recording and management of Avigilon cameras up to 61 MP resolution.



No rip-and-replace

The AI NVR upgrades your entire site with the latest Avigilon analytics in a single click. No rip-and-replace of existing cameras is required.

¹ Formerly known as Next-Generation Video Analytics. AdaptAI 5 (e.g. Classified Object Detection, Appearance Search, Facial Recognition) is supported as server-side analytics. AdaptAI 6 (e.g. Crowd Analytics, Privacy Blurring, and vehicle subclasses) is not supported as server-side analytics at this time.

² Available only in the U.S.

³ Pre-installed with Avigilon Control Center 7 Firmware. Unity Video 8 Firmware is available online for upgrade.

⁴ AI NVR 2 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.com/support/warranty/avigilon](https://www.avigilon.com/support/warranty/avigilon) for more information.



Analytics and Specifications



Classified Object Detection™ (COD)

Detects and classifies people or vehicles to help operators respond faster. Unusual Activity Detection (UAD) automatically detects atypical behavior of learned objects.

UNITY8-ENT/ACC7-VAC required



Avigilon Appearance Search™ (AS)

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 (FR)

Detects matches from managed watchlists to alert operators of people of interest. Requires Appearance Search and an additional license.

UNITY8/ACC7-FACE required



Visible Firearm Detection (VFD)

Detects visible handguns and long guns handled by humans. Requires an AI NVR with an additional license.

UNITY8/ACC7-VFD-1YR required



Occupancy Counting

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

ACS Required



License Plate Recognition (LPR)

Works with Avigilon Unity Video/ACC software for accurate license plate capture at a range of distances and speeds.

UNITY8/ACC7-LPR required

AI NVR 2 Model	Accessory Kit	Analytics Cameras ¹		Non-Analytic Cameras ¹					Number of LPR Lanes ²							
		AS Only ³	FR+ AS ⁴	COD Only ³	COD +AS ⁴	COD +AS +FR ⁴	COD +AS ⁴ +VFD ⁵ +FR	Default Mode				Performance Mode ⁶				
								5 FPS (<16 KM/H)	10 FPS (<48 KM/H)	20 FPS (<100 KM/H)	30 FPS (<150 KM/H)	5 FPS (<16 KM/H)	10 FPS (<48 KM/H)	20 FPS (<100 KM/H)	30 FPS (<150 KM/H)	
Premium Plus	–	220	120	35	34	30	15	14	33	33	21	14	33	28	14	9
	1 × AINVR2-PRM-PLUS-FORM-H-ANK	220	120	70	68	60	30	28	68	42	21	14	68	53	26	17
Premium (Discontinued)	–	200	70	9	9	8	5	4	34	23	11	7	34	21	10	7
	1 × AINVR2-PRM-FORM-D-ANK	200	120	47	45	38	20	18	46	23	11	7	89	48	24	16
Standard	–	130	70	9	9	8	5	4	30	15	7	5	34	21	10	7
	1 × AINVR2-STD-FORM-D-PRK	130	120	18	18	16	10	8	46	23	11	7	68	40	20	13
Value (Discontinued)	–	–	–	–	–	–	–	–	17	8	4	2	–	–	–	–
	1 × AINVR2-VAL-ANK	90	31	4	4	3	2	1	16	10	5	3	16	14	7	4
	1 × AINVR2-VAL-ANK-PLUS	90	70	9	9	8	5	4	20	10	5	3	34	21	10	7

¹ 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 the field of view: H6A/H5A cameras – one every second; H4A cameras – one every two seconds; non-analytics cameras running COD – one every second. Each multisensor camera with 3-4 sensors is considered equivalent to 3-4 cameras.

² Assumes a 3MP camera with 1MP 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.

³ For cameras at 2MP and 30 frames per second (fps). Requires ACC 7.14.32 / Unity Video 8.3.0.

⁴ Requires H6A, H5A, H4A cameras, or Classified Object Detection running on non-analytic cameras.

⁵ When enabling VFD, Avigilon cameras must disable analytics on the camera, enable COD, and count the camera as a non-analytic camera.

⁶ Requires LPR Performance mode to be enabled. Available with ACC version 7.14.6 or later. LPR Performance mode will limit other analytics on your AI NVR 2. See the AI NVR 2 user guide for more information.

Device Types Supported for Analytics¹

Avigilon H5M, H4SL, H4 Mini dome, H4 Box, H4 Bullet, H4 Dome, H4 Pro, H3, and H3 Multisensor, HD H.264 cameras

Avigilon H5SL, H4A, and H4SL cameras operating in Unusual Motion Detection mode

Avigilon H5Pro, H5 and H4 Multisensor cameras in high frame-rate mode. H6A/H6X, H6M, and H6SL, and H5DH cameras with analytics disabled.

Avigilon H.264 Analog Encoders

ONVIF® Profile S and Profile T cameras (onvif.org)

ONVIF encoders

Third-party devices (MJPEG, MPEG4, H.264, H.265/HEVC) supported by Unity Video. For more information, see avigilon.com/vms/on-premise/supported-devices.

¹ JPEG 2000 cameras without ONVIF compliance are not supported on AI NVR 2.

Specifications

The AI NVR 2 Value and Premium models have been discontinued and are no longer available for purchase. Their next-generation counterparts, the AI NVR 2X Value and AI NVR 2X Premium, are available. For product details, refer to the [AI NVR 2X Datasheet](#).

System		AI NVR 2 Premium Plus Form H	AI NVR 2 Premium Form D (Discontinued)	AI NVR 2 Standard Form D	AI NVR 2 Value Form D (Discontinued)
Capacity		200/240/280/360/440 TB	72/96/120/160/200 TB	16/24/32/48/64 TB	6/12/16/24 TB
Avigilon Unity Video/Avigilon Control Center™ Edition		Version 7 (factory installed), Version 8 upgrade available online			
Video Streaming Performance (10 GbE or 1 GbE Teamed - Multiple Connections) ¹	Recording Rate:	Up to 2000/2100/2200/2400/2700 Mbps, increasing with storage capacity	Up to 1500 Mbps	Up to 900 Mbps ²	Not supported
	Recording Channels:	Up to 300/310/325/350/400, increasing with storage capacity	Up to 200	Up to 130 ²	
	Livestream Rate:	Up to 2000/2100/2200/2400/2700 Mbps, increasing with storage capacity	Up to 1500 Mbps	Up to 900 Mbps ²	
	Livestream Channels:	Up to 300/310/325/350/400, increasing with storage capacity	Up to 200	Up to 130 ²	
	Playback Rate:	Up to 600/600/625/650/680 Mbps, increasing with storage capacity	Up to 600 Mbps	Up to 600 Mbps ²	
	Playback Channels:	Up to 80/80/85/90/100, increasing with storage capacity	Up to 80	Up to 80 ²	
Video Streaming Performance (1 GbE - Non-Teamed - Multiple Connections) ¹	Recording Rate:	Up to 800 Mbps	Up to 800 Mbps	Up to 800 Mbps	Up to 550 Mbps (6/12/24 TB) Up to 450 Mbps (16 TB)
	Recording Channels:	Up to 120	Up to 120	Up to 120	Up to 90 (6/12/24 TB) Up to 70 (16 TB)
	Livestream Rate:	Up to 800 Mbps	Up to 800 Mbps	Up to 800 Mbps	Up to 550 Mbps (6/12/24 TB) Up to 450 Mbps (16 TB)
	Livestream Channels:	Up to 120	Up to 120	Up to 120	Up to 90 (6/12/24 TB) Up to 70 (16 TB)
	Playback Rate:	Up to 600/600/625/650/680 Mbps, increasing with storage capacity	Up to 600 Mbps	Up to 600 Mbps	Up to 300 Mbps (6/12/24 TB) Up to 250 Mbps (16 TB)
	Playback Channels:	Up to 80/80/85/90/100, increasing with storage capacity	Up to 80	Up to 80	Up to 45 (6/12/24 TB) Up to 40 (16 TB)
Operating System		Avigilon Hardened OS			
Network Interface ³		4 × 10 GbE SFP+ ports 4 × 1 GbE RJ-45 ports	4 × 10 GbE SFP+ ports 6 × 1 GbE RJ-45 ports	2 × 10 GbE SFP+ ports ² (optional) 6 × 1 GbE RJ-45 ports	2 × 1 GbE RJ-45 ports (1000Base-T)

¹Assumes 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.

²Optional, with 10 GbE Kit (NVR6-AINVR2-FORM-D-10GBE) sold separately.

³Direct Attach Cables (NVR6-AINVR2-FORM-H-SFPPLUS-DA for AI NVR 2 Premium Plus or NVR6-AINVR2-FORM-D-SFPPLUS-DA for all AI NVR 2 Premium/Standard) or system-specific SFP+ transceivers (NVR6-AINVR2-FORM-H-SFPPLUS-SR for AI NVR 2 Premium Plus, NVR6-AINVR2-FORM-D-SFPPLUS-SR for AI NVR 2 Premium/Standard) sold separately.

System (continued)		AI NVR 2 Premium Plus Form H	AI NVR 2 Premium Form D (Discontinued)	AI NVR 2 Standard Form D	AI NVR 2 Value Form D (Discontinued)
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	RAID 5 Up to 4 × 3.5" SATA Drives, hot-swappable (6/12/24 TB) RAID 5 Up to 3 × 3.5" SATA Drives, hot-swappable (16 TB)
	Operating System	2 × 480GB NVMe SSD Drives, RAID1	2 × 480 GB M.2 SSD Drives, RAID 1		2 × 32 GB microSD RAID 1
Recording Storage Capacity ¹		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)	Up to 32 TB raw; 24 TB effective (RAID 5)
Memory		8 × 16GB DDR5	4 × 16GB DDR5	2 × 16 GB DDR5	2 × 8 GB DDR4
Processor		2 × Intel® 16-core Xeon®	2 × Intel® 8-core Xeon®	1 × Intel® 8-core Xeon®	1 × Intel® 6-core Xeon®
Video Outputs		No video outputs – Web-based administration only			
Appearance Search and Facial Recognition on Avigilon Analytic Cameras		Supported ²			
Classified Object Detection and AdaptAI Analytics on Non-Analytic Cameras		Supported ²			
License Plate Recognition		Supported ²			
Local Viewing		No			
Out-of-band Management		iLO Advanced	iDRAC 9 Enterprise		iDRAC 9 Express
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.	3-year NBD (Next Business Day "Form D" warranty) with onsite parts delivery service. 2-year extension, 4-hour mission critical, and 5-year keep your drive warranty upgrades available. Refer to Warranty Supplement #1.

¹RAID redundancy provides data recoverability only. System architecture does not support storage expansion or scaling.

²Purchase of license required, refer to the list of features under "[Analytics and Specifications](#)" on page 2 for more information.

Mechanical	AI NVR 2 Premium Plus Form H	AI NVR 2 Premium Form D (Discontinued)	AI NVR 2 Standard Form D	AI NVR 2 Value Form D (Discontinued)
Form Factor	2U Rack Mount Form H High Density Chassis	2U Rack Mount Form D Analytics Class Chassis	2U Rack Mount Form D Chassis	1U Rack Mount Form D Chassis
Dimensions	812.80 mm × 448.0 mm × 87.5 mm 32.00" × 17.63" × 3.44"	772.1 mm × 482.0 mm × 86.8 mm 30.39" × 18.98" × 3.42"	721.6 mm × 482.0 mm × 86.8 mm 28.4" × 18.98" × 3.42"	598.6 mm × 482.0 mm × 42.8 mm 23.56" × 18.97" × 1.69"
Weight	Max: 42.8 kg (95 lbs)	Max: 36.1 kg (80 lbs)	Max: 28.6 kg (63 lbs)	Max: 12.5 kg (27.5 lbs)

Electrical	AI NVR 2 Premium Plus Form H	AI NVR 2 Premium Form D (Discontinued)	AI NVR 2 Standard Form D	AI NVR 2 Value Form D (Discontinued)
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	1400 W, optional redundant power supply available.	Single 450 W, non-hot-swappable and non-redundant only.
Power Consumption	Maximum 1000 W (3413 BTU/h)	Maximum 1279 W (4364 BTU/h)	Maximum 782 W (2669 BTU/h)	Maximum 450 W (1536 BTU/h)
Power Efficiency	Titanium	Platinum		

Environmental	AI NVR 2 Premium Plus Form H	AI NVR 2 Premium Form D (Discontinued)	AI NVR 2 Standard Form D	AI NVR 2 Value Form D (Discontinued)
Operating Temperature	10°C to 30°C (50°F to 86°F)	10°C to 35°C (50°F to 95°F) ¹	10°C to 35°C (50°F to 95°F)	10°C to 30°C (50°F to 86°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)		

¹AI NVR 2 Premium's Operating Temperature range reduces to 10°C to 30°C (50°F to 86°F) with AINVR2-PRM-FORM-D-ANK installed.

Certifications	AI NVR 2 Premium Plus Form H	AI NVR 2 Premium Form D (Discontinued)	AI NVR 2 Standard Form D	AI NVR 2 Value Form D (Discontinued)
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 ¹		
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			

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

Supplied Accessories	AI NVR 2 Premium Plus Form H	AI NVR 2 Premium Form D (Discontinued)	AI NVR 2 Standard Form D	AI NVR 2 Value Form D (Discontinued)
Rack Rail System	Shelf-Mount Adjustable Rail Kit	ReadyRails Sliding Rails with Cable Management Arm		ReadyRails 1U/2U Static Rails for 2- or 4-post racks
Bezel	1, front			
Power Cord	4 total: 2 × C13 / C14, 2 × regional variant (from options below)		2 total: 1 × C13 / C14, 1 × regional variant (from options below)	1 total

(NA) NEMA 5-15P / C13



(UK) BS1363 / C13



(EU) SCHUKO / C13



(AU) AS3112 / C13



Outline Dimensions

[X.X]	INCHES
X.X	MM

AI NVR 2 Premium Plus Form H (200 240 280 360 440 TB)

Form Factor

2U Rack Mount Form H High Density Chassis

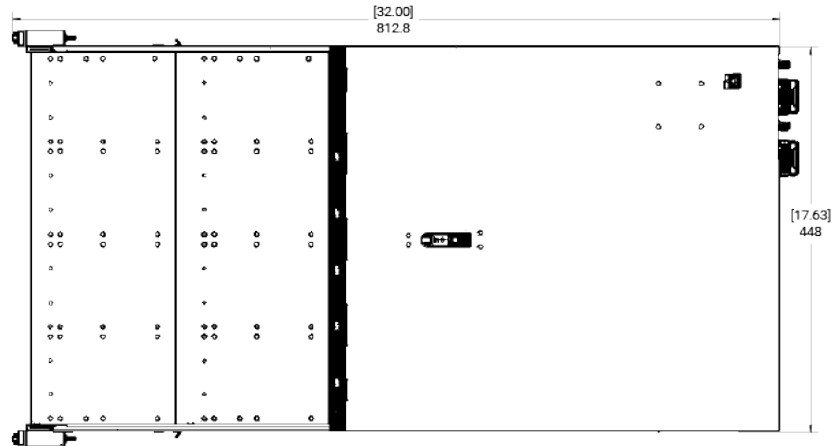
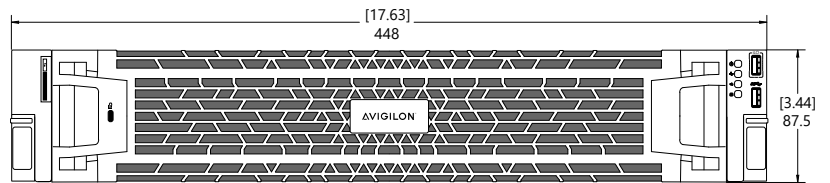
Dimensions (L x W x H)

812.8 mm x 448.0 mm x 87.5 mm

32.00" x 17.63" x 3.44"

Weight (when fully populated with hard drives)

42.8 kg [95 lbs]



AI NVR 2 Premium Form D (72 96 120 160 200 TB)

Form Factor

2U Rack Mount Form D Analytics Class Chassis

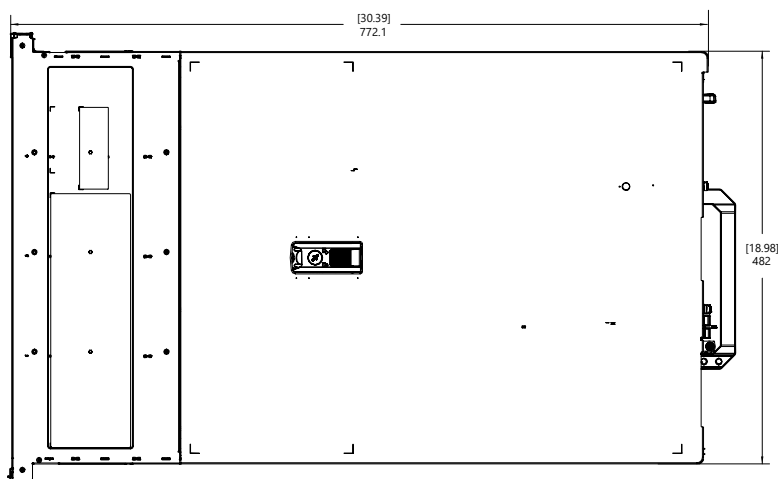
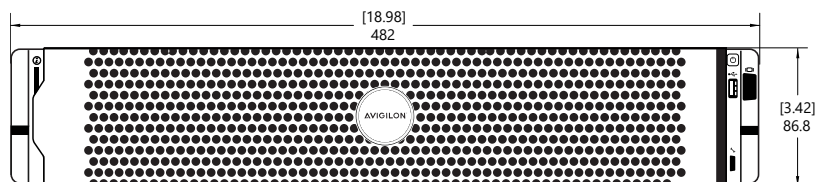
Dimensions (L x W x H)

772.1 mm x 482.0 mm x 86.8 mm

30.4" x 18.98" x 3.42"

Weight (when fully populated with hard drives)

36.1 kg [80 lbs]



AI NVR 2 Standard Form D (16 24 32 48 64 TB)

Form Factor

2U Rack Mount Form D Chassis

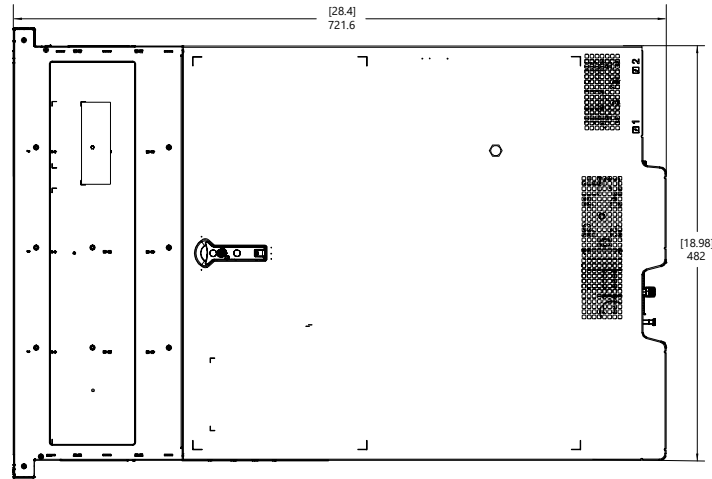
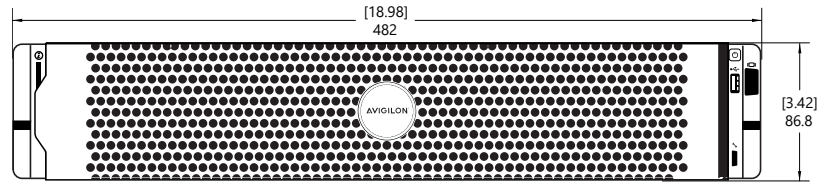
Dimensions (L x W x H)

721.6 mm x 482.0 mm x 86.8 mm

28.4" x 18.98" x 3.42"

Weight (when fully populated with hard drives)

28.6 kg [63 lbs]



AI NVR 2 Value Form D (6 12 16 24 TB)

Form Factor

1U Rack Mount Form D Chassis

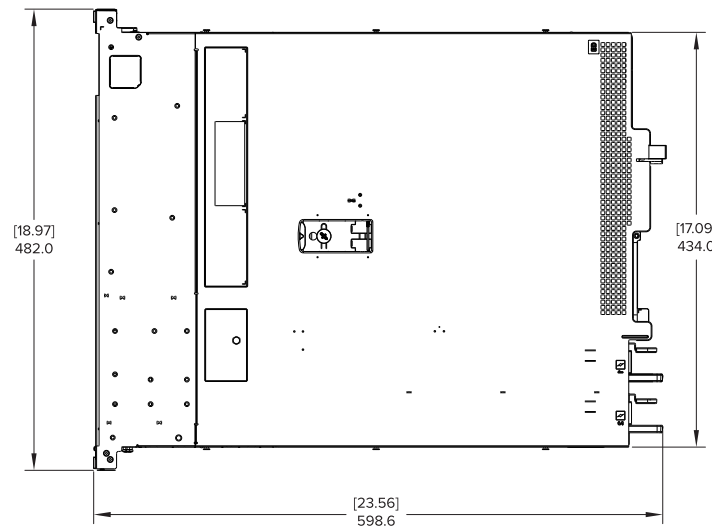
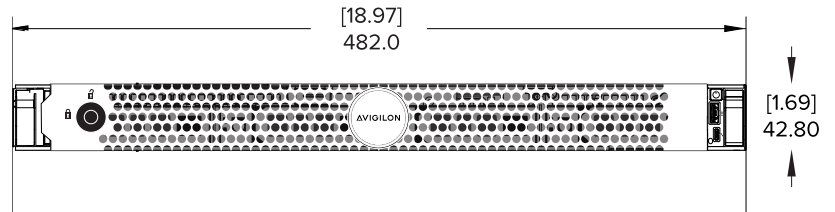
Dimensions (L x W x H)

598.6 mm x 482.0 mm x 42.8 mm

23.56" x 18.97" x 1.69"

Weight (when fully populated with hard drives)

12.5 kg [27.5 lbs]



Ordering Information

AI NVR 2 Premium Plus Form H

AINVR2-PRM-PLUS-FORM-H-440TB	AI NVR 2 Premium Plus Form H 440 TB (520 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-PRM-PLUS-FORM-H-360TB	AI NVR 2 Premium Plus Form H 360 TB (440 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-PRM-PLUS-FORM-H-280TB	AI NVR 2 Premium Plus Form H 280 TB (360 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-PRM-PLUS-FORM-H-240TB	AI NVR 2 Premium Plus Form H 240 TB (320 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-PRM-PLUS-FORM-H-200TB	AI NVR 2 Premium Plus Form H 200 TB (280 TB Raw) with Avigilon Hardened OS and ACC 7

AI NVR 2 Premium Form D (Discontinued)

AINVR2-PRM-FORM-D-200TB	AI NVR 2 Premium Form D 200 TB (240 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-PRM-FORM-D-160TB	AI NVR 2 Premium Form D 160 TB (200 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-PRM-FORM-D-120TB	AI NVR 2 Premium Form D 120 TB (144 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-PRM-FORM-D-96TB	AI NVR 2 Premium Form D 96 TB (120 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-PRM-FORM-D-72TB	AI NVR 2 Premium Form D 72 TB (88 TB Raw) with Avigilon Hardened OS and ACC 7

AI NVR 2 Standard Form D

AINVR2-STD-FORM-D-64TB	AI NVR 2 Standard Form D 64 TB (80 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-STD-FORM-D-48TB	AI NVR 2 Standard Form D 48 TB (64 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-STD-FORM-D-32TB	AI NVR 2 Standard Form D 32 TB (48 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-STD-FORM-D-24TB	AI NVR 2 Standard Form D 24 TB (32 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-STD-FORM-D-16TB	AI NVR 2 Standard Form D 16 TB (24 TB Raw) with Avigilon Hardened OS and ACC 7

AI NVR 2 Value Form D (Discontinued)

AINVR2-VAL-24TB	AI NVR 2 Value Form D 24 TB (32 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-VAL-16TB	AI NVR 2 Value Form D 16 TB (24 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-VAL-12TB	AI NVR 2 Value Form D 12 TB (16 TB Raw) with Avigilon Hardened OS and ACC 7
AINVR2-VAL-6TB	AI NVR 2 Value Form D 6 TB (8 TB Raw) with Avigilon Hardened OS and ACC 7

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
ACC7-VFD-1YR	ACC 7 Visible Firearm Detection channel subscription license (includes ACC7-VAC). VFD is currently only available in the United States. The license is not available on eCommerce and must be ordered manually through Customer Order Management.
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
UNITY8-VFD-1YR	Avigilon Unity Video 8 Visible Firearm Detection channel subscription license. VFD is currently only available in the United States. The license is not available on eCommerce and must be ordered manually through Customer Order Management.
UNITY8-POS-STR	Unity Point of Sale stream (AI NVR 2 only supports POS in Avigilon Unity Video 8)

Options and Accessories

AI NVR 2 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 SAN 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
AINVR2-PRM-PLUS-FORM-H-ANK	Analytics Kit for 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 x 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

AI NVR 2 Premium Form D (Discontinued)

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-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
AINVR2-PRM-FORM-D-ANK	Analytics Kit for AI NVR 2 Premium Form D
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-PSU-1400W	1400 W Hot Plug/Swappable Power Supply Kit, includes regional variant of power cord
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

AI NVR 2 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-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-PSU-1400W	1400 W Hot Plug/Swappable Power Supply Kit, includes regional variant of power cord
NVR6-AINVR2-STD-FORM-D-WARR-5Y4HMC	5-year 4-Hour-Mission-Critical Warranty Upgrade
NVR-FORM-D-KYD-WARR-5YR	5-year Keep-Your-Drive Warranty Upgrade
NVR6-AINVR2-STDPRM-FORM-D-STATIC-RAIL	Static Rail Kit

AI NVR 2 Value Form D (Discontinued)

AINVR-HDDS-HOT-8TB	Spare hard drive, 8 TB SATA, front bay, compatible with AI NVR 2 Value Form D
AINVR-HDDS-HOT-4TB	Spare hard drive, 4 TB SATA, front bay, compatible with AI NVR 2 Value Form D
AINVR-HDDS-HOT-2TB	Spare hard drive, 2 TB SATA, front bay, compatible with AI NVR 2 Value Form D
AINVR2-VAL-ANK	Analytics Kit for AI NVR 2 Value Form D
AINVR2-VAL-ANK-PLUS	Analytics Plus Kit for AI NVR 2 Value Form D
AINVR2-VAL-IDRAC9-ENT-UPG	iDRAC Enterprise upgrade
AINVR2-VAL-WARR-5Y4HMC	5-year 4-Hour-Mission-Critical Warranty Upgrade
AINVR2-VAL-WARR-EXTEND-2YR	2-year Extended Warranty Upgrade
AINVR2-VAL-KYD-WARR-5YR	5-year Keep-Your-Drive Warranty Upgrade

Support

For product support, visit: avigilon.com or sales@avigilon.com



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. motorolasolutions.com
© 2026, Avigilon Corporation. All rights reserved. MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners.

20260327-en Rev 3