

Avigilon AI NVR 2X

Cloud-ready enterprise hardened recorder with AI at its core



Modernize your video security infrastructure with Avigilon's cloud-ready Artificial Intelligence Network Video Recorder 2X (AI NVR 2X). A workhorse for small-to-large enterprise sites, the AI NVR 2X bridges the IT resource and analytics gaps, available up to 200 TB, supporting up to 200 cameras. Alleviate costly downtime and time-consuming upgrades with its remote management capabilities from a single pane of glass. Protect your critical assets using Avigilon's server-side analytics, which is deployable with any existing non-analytic camera.

Which AI NVR 2 model suits your system best?

GENERATION	AI NVR 2		AI NVR 2X	
Model	Standard	Premium Plus	Value	Premium
Storage Capacity	16 to 64 TB	200 to 440 TB	6 to 24 TB	96 to 200TB
OS	Avigilon Hardened OS			
Out of Band Management	iDRAC Enterprise	iLo Advanced	iDRAC 9 Express	iDRAC 9 Enterprise
Support	5YR NBD	5YR 4HR	3YR NBD	5YR 4HR
Recording Rate ¹	120 channels at 800 Mbps	300 to 400 channels at 2000 to 2700 Mbps	48 to 80 channels at 312 to 520 Mbps	Up to 200 channels
Live Stream Rate ¹	120 channels at 800 Mbps	300 to 400 channels at 2000 to 2700 Mbps	48 to 80 channels at 312 to 520 Mbps	Up to 200 channels
Analytic Channels Supported for Appearance Search ¹	90	220 ³	0 to 80 ²	200
Facial Recognition	70 to 120*	120	0 to 48 ²	70
+ Analytics				
+ Visible Firearm Detection	4 to 8*	14 to 28 ²	0 to 7 ²	29
LPR@10FPS (<48 KM/H)	15 lanes	42 lanes	10 lanes	23 lanes
Redundancy	RAID6	RAID60	RAID5	RAID6

Features

Server-side analytics for non-analytic cameras

The first of its kind to bring Appearance Search, Facial and License Plate Recognition to your existing non-analytic cameras.

Easy upgrades

Remotely upgrade the appliances with a single signed firmware package.

Firearm-in-hand detection

Help detect brandished firearms, including handguns and long guns, with Visible Firearm Detection⁴.

Tailor-made support

Resolve technical issues with up to a 5-year warranty and 24/7 lifetime technical support.

Learn more on the [AI NVR 2X webpage](#)



¹Refers to the maximum channels or rate. ² Refer to Datasheet for Analytics or Performance Kit(s) required.

³ ACC 7.14.32.10 / Unity Video 8.3.0 Required. ⁴ Available in the U.S. only.