

NVR5 Workstation

4 TB

8 TB

Simplify site monitoring by combining a network video recorder and a powerful client workstation into one powerful NVR5 Workstation. Quick to deploy and optimized to perform Avigilon Unity Video workloads with rigorous stress tests, experience superior performance and reliability with the Avigilon NVR5 Workstation.



Features



Tested Performance

The Avigilon Workstation lineup has been stress tested through various component combinations for the highest performance for ACC Client workloads.



Small Form Factor

Its streamlined size and design reduces hardware footprint for space-constrained areas, while still serving as an all-in-one workstation that is able to record and monitor video.



Easy Recovery

A purpose-built and turnkey solution that is simple and secure for Security and IT teams to deploy.



All-In-One Solution

The NVR5 Workstation delivers an all-in-one solution for small to medium sites that need local recording and playback.

Specifications

Performance		
Network Video Streaming Performance	Recording Data Rate	Up to 120 Mbps
	Playback and Live Streaming	Up to 100 Mbps
Video Playback Performance‡	2 MP @ 30 fps	18 Primary Streams
	4 MP @ 30 fps	18 Primary Streams
	8 MP @ 30 fps	4 Primary Streams + 14 Secondary Streams
	16 MP @ 24 fps	2 Primary Streams + 16 Secondary Streams
	61 MP @ 7 fps	4 Primary Streams + 14 Secondary Streams

‡Primary streams are high resolution/bandwidth, secondary streams are low resolution/bandwidth.

System	4TB	8TB
Supported Monitor Interfaces	Combination of up to 2: DP and HDMI (HDMI adapters are supplied)	
Operating System	Microsoft Windows 10 IoT Enterprise LTSC (2021)	
Processor	Intel Core i3 (12th Gen)	
Memory	8 GB DDR4 RAM	
OS Drive	M.2 256 GB PCIe NVMe Class 35 SSD	
Video Data Drive	1 SATA drive, 4 TB HDD	1 SATA drive, 8 TB HDD
Network Interface	2 × 1 Gigabit Ethernet RJ-45 ports (1000Base-T)	
Optical Drive	DVD-RW	
Avigilon Control Center™ Edition	Enterprise, Standard or Core compatible	
Warranty	Lifetime 24/7 Avigilon technical phone support and a 3 year next business day warranty	

Mechanical	
Form Factor	Small form factor
Dimensions (DxWxH)	292.8 mm × 92.6 mm × 290 mm (11.53" × 3.65" × 11.42")
Weight	5.956 kg (13.13 lbs)

Electrical	
Power Input	90 to 264 VAC, 50/60 Hz, auto-switching
Power Supply	Single non-redundant
Power Consumption	300W

Environmental	
Operating Temperature	5°C to 45°C (41°F to 113°F)
Storage Temperature	-40° to 70°C (-40° to 158°F)
Humidity	20% to 80% relative humidity with 26°C (79°F) maximum dew point (non-condensing)
Operating Vibration	0.26 Grms random at 5 Hz to 350 Hz
Operating Shock	Bottom/right half-sine pulse of 40 G for up to 2.0 ms
Operating Altitude	Up to 3048 m (10,000 ft)

Supplied Accesories	
NVR5-WKS-xTB-XX	USB Keyboard, USB Mouse, Power cord, 2 DP to HDMI adapters†
† Monitor sold separately	
Certifications	
Certifications/Approvals	UL, cUL, CE, UKCA, ROHS, RCM, KC, NOM, BSMI, CCC, NRCS, VCCI, CMIM, PSB
Safety Standards	UL/CSA/IEC/EN 62368-1
Electromagnetic Emissions Standards	FCC Part 15 Subpart B (Class B), ICES-003 (Class B), EN 55032 (Class B), EN 61000-3-2, EN 61000-3-3
Electromagnetic Immunity Standards	EN 55035

Ordering Information

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NVR5-WKS-4TB	NVR5 Workstation, 4.0 TB Storage†
NVR5-WKS-8TB	NVR5 Workstation, 8.0 TB Storage†
NVR5-WKS-WARR-EXTEND-2YR	2-Year Extended Warranty for NVR5-WKS
WKS-RACK	Rack compatible with NVR5-WKS, RM7-WKS, NVR4X-WKS, RM6-WKS, NVR4-WKS, RM5-WKS

† Monitor sold separately

NVR5-WKS-xTB-NA 
 NVR5-WKS-xTB-UK 
 NVR5-WKS-xTB-EU 
 NVR5-WKS-xTB-AU 

Support

Learn more and find additional documentation at avigilon.com or email sales@avigilon.com for specific product support.



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