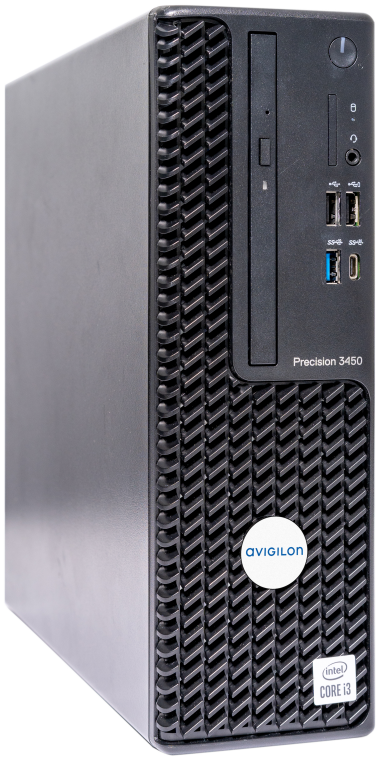
REMOTE MONITORING WORKSTATIONS

Avigilon Remote Monitoring Workstations are purpose-built to accompany the Avigilon Network Video Recorders (NVRs) or to expand and scale existing deployments with a cost-effective, high-performance workstation for remote monitoring. Designed to work seamlessly with Avigilon Control Center™ video management software, the Remote Monitoring Workstations enable users to view high-definition video streams on multiple monitors or video walls.



FEATURES

4K SUPPORT*

Supports full 4K video streaming for monitoring high-resolution cameras.

* ACC™ Client software at 200% DPI scaling.

SMALL FORM FACTOR

Offers the flexibility of a small form factor for ease of installation in all applications.

RECOVERY PARTITION

Supplies an Avigilon recovery partition for restoring default settings in the event of system issues without the need for external hardware or an internet connection.

SOLID STATE DRIVE

Provides the operating system on a solid-state drive to increase boot speeds and read/write speeds for video exports.

MOTOROLA SOLUTIONS

avigilon™

SPECIFICATIONS

VIDEO PLAYBACK PERFORMANCE‡	RM 6-WKS-4MN	RM6-WKS-2MN
2 MP @ 30 fps	22 Primary Streams + 14 Secondary Streams	18 Primary Streams
4 MP @ 30 fps	22 Primary Streams + 14 Secondary Streams	18 Primary Streams
8 MP @ 30 fps	4 Primary Streams + 32 Secondary Streams	4 Primary Streams + 14 Secondary Streams
16 MP @ 24 fps	2 Primary Streams + 34 Secondary Streams	2 Primary Streams + 16 Secondary Streams
61 MP @ 7 fps	6 Primary Streams + 30 Secondary Streams	4 Primary Streams + 14 Secondary Streams

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

SYSTEM		
Supported Monitor Interfaces	Combination of up to 4: mDP, DP, and HDMI (DP and HDMI adapters are supplied)	Combination of up to 2: mDP, DP, and HDMI (DP and HDMI adapters are supplied)
Operating System	Microsoft Windows 10 IoT Enterprise LTSB (2019)	
Processor	Intel® Core™ i5 1(11th Gen)	Intel Core i3 (10th Gen)
Memory	32 GB DDR4 RAM	8 GB DDR4 RAM
OS Drive	M.2 256GB PCIe NVMe Class 40 SSD	
Storage	256 GB M.2 SSD + 500 GB HDD	
Network Interface	2 × 1 Gigabit Ethernet RJ-45 ports (1000Base-T)	
Video Outputs	4 active (4 × mDP)	2 active (4 × mDP)
Optical Drive	DVD-RW	

MECHANICAL	
Form Factor	Small form factor
Dimensions (DxWxH)	292 mm × 92.6 mm × 290 mm (11.50″ × 3.65″ × 11.42″)
Weight	5.26 kg (11.57 lbs)

ELECTRICAL	
Power Input	100 to 240 VAC, 50/60 Hz, auto-switching
Power Supply	Single non-redundant
Power Consumption	260W

ENVIRONMENTAL	
Operating Temperature	10 °C to 35 °C (50 °F to 95 °F)
Storage Temperature	-40° to 65° C (-40° to 149° F)
Humidity	5% to 95% relative humidity with 33 °C (91 °F) maximum dew point (non-condensing)
Operating Vibration	0.26 Grms at 5 Hz to 350 Hz
Storage Vibration	1.88 Grms at 10 Hz to 500 Hz for 15 minutes
Operating Shock	Shock pulse of 40 G for up to 2.3 ms
Storage Shock	Shock pulse of 71 G for up to 2.0 ms
Operating Altitude	-15.2 m to 3048 m (-50 ft to 10,000 ft)
Storage Altitude	-15.2 m to 12,000 m (-50 ft to 39,370 ft)

SUPPLIED ACCESORIES	
RM6-WKS-4MN-XX:	USB Keyboard, USB Mouse, Power cord, 4 mDP to DP adapters, 4 mPD to HDMI adapters
RM6-WKS-2MN-XX	USB Keyboard, USB Mouse, Power cord, 2 mDP to DP adapters, 2 mPD to HDMI adapters†

CERTIFICATIONS	
Certifications/Directives	UL, cUL, CE, RCM, CCC, KC, VCCI, EAC, BSMI, NOM, RoHS, Reach (SVHC)
Safety	EN/IEC 62368-1
Electromagnetic Emissions	CFR Title 47, FCC Part 2, 15 Class B, ICES-003, EN 55032 Class B, EN 61000-3-2 (Class D), EN 61000-3-3
Electromagnetic Immunity	EN 55024
Warranty	Lifetime 24/7 Avigilon technical phone support and a 3 year next business day warranty

ORDERING INFORMATION

ORDERING INFORMATION	
RM6-WKS-4MN-XX	Avigilon Control Center remote monitoring workstation for up to 4 monitors†
RM6-WKS-2MN-XX	Avigilon Control Center remote monitoring workstation for up to 2 monitors†
RM6-WKS-WARR-EXTENDED-2YR	2-Year Extended Warranty for RM6-WKS
WKS-RACK	Rack compatible with NVR5X-WKS, RM6-WKS, NVR4-WKS, RM5-WKS

† Monitor sold separately

RM6-WKS-xMN-NA RM6-WKS-xMN-UK RM6-WKS-xMN-EU RM6-WKS-xMN-AU

SUPPORT

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

MOTOROLA SOLUTIONS

AVIGILON™

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