

# Remote Monitoring Workstation

2 Monitor

4 Monitor

The Avigilon Remote Monitoring Workstation lineup offers a simple and easy way to bring high-resolution video monitoring to new and existing systems. Optimized to support ACC Client workloads, these pre-provisioned workstations are quick to deploy and reliable in the field.



## Features



### Tested Performance

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



### Easy Recovery

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



### Small Form Factor

Its streamlined size and design reduces hardware footprint for space-constrained areas.



### Simple Setup

Plug-and-play is made easy with DisplayPort and HDMI adapters included for typical monitor connections.

# Specifications

Video Playback Performance†	RM7-WKS-4MN	RM7-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
Video Wall: 4 MP @ 30 fps†	144 secondary streams (6x6 streams on 4 monitors)	60 secondary streams (5x6 streams on 2 monitors)
Video Wall: 8 MP @ 30 fps†	80 secondary streams (4x5 streams on 4 monitors)	40 secondary streams (4x5 streams on 2 monitors)
Video Wall: 16 MP @ 24 fps†	80 secondary streams (4x5 streams on 4 monitors)	40 secondary streams (4x5 streams on 2 monitors)
Video Wall: 61 MP @ 7 fps†	224 secondary streams (7x8 streams on 4 monitors)	84 secondary streams (6x7 streams on 2 monitors)

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

† Video wall playback performance assumes minimal interaction with the ACC Client after initial setup. Testing was done with analytic bounding boxes disabled.

System		
Supported Monitor Interfaces	Combination of up to 4: mDP, DP, and HDMI (DP and HDMI adapters are supplied)	Combination of up to 2: DP, and HDMI (HDMI adapters are supplied)
Operating System	Microsoft Windows 10 IoT Enterprise LTSC (2021)	
Processor	Intel® Core™ i5 (12th Gen)	Intel® Core™ i3 (12th Gen)
Memory	32 GB DDR4 RAM	8 GB DDR4 RAM
OS Drive	M.2 256 GB PCIe NVMe Class 35 SSD	
Network Interface	2 × 1 Gigabit Ethernet RJ-45 ports (1000Base-T)	
Optical Drive	DVD-RW	
Graphics	NVIDIA T1000 (8GB)	Intel Integrated graphics
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 Accessories	
RM7-WKS-4MN-XX	USB Keyboard, USB Mouse, Power cord, 4 mDP to DP adapters, 4 mDP to HDMI adapters†
RM7-WKS-2MN-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

ORDERING INFORMATION	
RM7-WKS-4MN-XX	Avigilon remote monitoring workstation for up to 4 monitors†
RM7-WKS-2MN-XX	Avigilon remote monitoring workstation for up to 2 monitors†
RM7-WKS-WARR-EXTEND-2YR	2-Year Extended Warranty for RM7-WKS
WKS-RACK	Rack compatible with NVR5-WKS, RM7-WKS, NVR4X-WKS, RM6-WKS, NVR4-WKS, RM5-WKS

† Monitor sold separately

RM7-WKS-xMN-NA



RM7-WKS-xMN-UK



RM7-WKS-xMN-EU



RM7-WKS-xMN-AU



## Support

Learn more and find additional documentation at [avigilon.com](https://www.avigilon.com) or email [sales@avigilon.com](mailto:sales@avigilon.com) for specific product support.



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[sales@avigilon.com](mailto:sales@avigilon.com) | [avigilon.com](https://www.avigilon.com)