

# 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.



### SMALL FORM FACTOR

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



### EASY RECOVERY

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



### SIMPLE SETUP

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

# SPECIFICATIONS

VIDEO PLAYBACK PERFORMANCE <sup>‡</sup>	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 <sup>†</sup>	144 secondary streams (6x6 streams on 4 monitors)	60 secondary streams (5x6 streams on 2 monitors)
Video Wall: 8 MP @ 30 fps <sup>†</sup>	80 secondary streams (4x5 streams on 4 monitors)	40 secondary streams (4x5 streams on 2 monitors)
Video Wall: 16 MP @ 24 fps <sup>†</sup>	80 secondary streams (4x5 streams on 4 monitors)	40 secondary streams (4x5 streams on 2 monitors)
Video Wall: 61 MP @ 7 fps <sup>†</sup>	224 secondary streams (7x8 streams on 4 monitors)	84 secondary streams (6x7 streams on 2 monitors)

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

<sup>†</sup> 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

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	10 °C to 35 °C (50 °F to 95 °F)
Storage Temperature	-40° to 70° C (-40° to 158° F)
Humidity	20% to 85% relative humidity (non-condensing)
Operating Vibration	0.52 Grms random at 5 Hz to 350 Hz
Operating Shock	Bottom half-sine pulse with a change in velocity of 50.8 cm/s (20 in/s)
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 <sup>†</sup>

## SUPPLIED ACCESSORIES

RM7-WKS-2MN-XX	USB Keyboard, USB Mouse, Power cord, 2 DP to HDMI adapter†
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† Monitor sold separately

## CERTIFICATIONS

Certifications/Directives	UL, cUL, CE, UKCA, RCM, CCC, KC, VCCI, NRCS, BSMI, NOM, RoHS
Safety	EN/IEC 62368-1
Electromagnetic Emissions	FCC Title 47, CFR Part 15, ICES-003(B) Issue 7, EN 55032, EN 61000-3-2, EN 61000-3-3
Electromagnetic Immunity	EN 55035
Warranty	Lifetime 24/7 Avigilon technical phone support and a 3 year next business day warranty

# 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-EXTENDED-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.



AVIGILON™

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