

# 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†
----------------	--

† 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™

Jul 2023 | Rev 2

© 2023, Motorola Solutions, Inc. All rights reserved. MOTOROLA, MOTO, MOTOROLA SOLUTIONS, and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. AVIGILON, the AVIGILON logo, AVIGILON CONTROL CENTER, ACC, HDSM SmartCodec and LIGHTCATCHER are trademarks of Avigilon Corporation. The absence of the symbols ™ and ® in proximity to each trademark in this document or at all is not a disclaimer of ownership of the related trademark. All other trademarks are the property of their respective owners.

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