avigilon™
a Motorola Solutions Company

Remote Monitoring Workstations
5th Generation

2 Monitor **4 Monitor**

Avigilon's Remote Monitoring Workstations are purpose-built to accompany Avigilon's 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.

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.

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

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

Specifications

SYSTEM

			RM5-WKS-4MN		RM5-WKS-2MN	
			4K* × 4 DISPLAYS	**HD × 4 DISPLAYS**	**4K* × 2 DISPLAYS**	**HD × 2 DISPLAYS**
Viewing Streams			Up to 144		Up to 72	
Primary Stream Performance (ACC software set to high quality)	15 FPS	2MP	35 Streams	35 Streams	20 Streams	20 Streams
		4MP	25 Streams	25 Streams	14 Streams	14 Streams
		8MP	14 Streams	14 Streams	8 Streams	8 Streams
	30 FPS	2MP	14 Streams	20 Streams	10 Streams	14 Streams
		4MP	14 Streams	16 Streams	8 Streams	9 Streams
		8MP	5 Streams	5 Streams	4 Streams	4 Streams
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			
Processor			Intel® Core™ i5		Intel Core i3	
Memory			16 GB DDR4 RAM		8 GB DDR4 RAM	
Storage			256 GB SSD + 500 GB HDD			
Network Interface			2 Gigabit Ethernet RJ-45 ports (1000Base-T)			
Video Outputs			4 active (4 × mDP)		2 active (4 × mDP)	
Optical Drive			DVD-RW			

* ACC Client software at 200% DPI scaling.

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 V AC, 50/60 Hz, auto-switching
Power Supply	Single non-redundant
Power Consumption	260 W

ENVIRONMENTAL

Operating Temperature	10 °C to 35 °C (50 °F to 95 °F)
Storage Temperature	-40 °C to 65 °C (-40 °F 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 ACCESSORIES

RM5-WKS-4MN: USB Keyboard, USB Mouse, Power cord, 4 mDP to DP adapters, 4 mPD to HDMI adapters

RM5-WKS-2MN: 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

RM5-WKS-4MN-XX	Avigilon Control Center remote monitoring workstation for up to 4 monitors[†]
RM5-WKS-2MN-XX	Avigilon Control Center remote monitoring workstation for up to 2 monitors[†]
NVR4-WKS-WARR-EXTEND-1YR	1-Year Extended Warranty for NVR4-WKS/RM5-WKS
NVR4-WKS-WARR-EXTEND-2YR	2-Year Extended Warranty for NVR4-WKS/RM5-WKS
WKS-RACK	Rack compatible with NVR4-WKS/RM5-WKS

[†] Monitor sold separately

RM5-WKS-xMN-NA =   RM5-WKS-xMN-UK =   RM5-WKS-xMN-EU =   RM5-WKS-xMN-AU =