4 Monitor Professional
High Performance Remote Monitoring
Workstation

The innovative Avigilon hardware solutions portfolio provides a secure, reliable and scalable platform for both small sites and large systems. The Avigilon remote monitoring workstation (RMWS) is a high-performance solution for monitoring video in scenarios where system performance is critical for reviewing live and recorded video. Designed to work seamlessly with Avigilon Control Center (ACC) video management software, the RMWS enables users to view high definition video streams on multiple monitors or video walls.

Avigilon's professional RMWS is designed to achieve high performance for a client workstation within an Avigilon video surveillance system. Pre-loaded with ACC™ Client software, the RMWS can be easily installed to accompany Avigilon's Network Video Recorders (NVRs) or to add an additional monitoring station to existing systems, with support for up to four high-resolution monitors* and up to a total of 144 video streams.

*Monitor sold separately

KEY FEATURES

Ready out-of-the-box for use in a high-performance environment

Use with Avigilon Virtual Matrix software for high capacity video walls

Supports up to four high resolution monitors*

Desktop form factor

Utilizes state-of-the-art graphics processing for peak performance from video output

Video adapters, keyboard and mouse included

Specifications

DISPLAY SUPPORT	4 × 1080p	60 Hz max refresh rate (via mini DisplayPort or HDMI)
	4 × 4K	60 Hz max refresh rate (via mini DisplayPort only)

SYSTEM	Viewing Streams	Up to 144
	Performance (using 4 x 1080p displays)	When set to display at high quality in the ACC Client software: • 13 × 5MP video streams at 13 fps • 11 × 2MP video streams at 30 fps • 6 × 6MP Fisheye video streams at 30 fps • 5 × 8MP H.265 video streams at 10 fps
	Performance (using 4 x 4K displays)	When set to display at high quality in the ACC Client software @ 200% DPI scaling: • 12 × 5MP video streams at 13 fps • 10 × 2MP video streams at 30 fps • 6 × 6MP Fisheye video streams at 30 fps • 5 × 8MP H.265 video streams at 10 fps
	Operating System	Microsoft Windows 10 IoT Enterprise LTSB
	Processor	Intel® Core™ i7
	Memory	8 GB DDR4 RAM
	Network Interface	2 Gigabit Ethernet RJ-45 ports (1000Base-T)
	Video Outputs	4 active (4 × mDP)
	Optical Drive	DVD-RW
	Supported Monitor Interfaces	Up to 4 combinations of mDP and/or HDMI (with supplied accessories)

MECHANICAL	Form Factor	Mini Tower
	Dimensions (DxWxH)	471 mm × 172.6 mm × 416.9 mm (18.54" × 6.79" × 16.41")
	Weight	13.50 kg (29.80 lbs)

ELECTRICAL	Power Input	100 to 240 V AC, 50/60 Hz, auto-switching
	Power Supply	Single non-redundant
	Power Consumption	290 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	20% to 80% relative humidity (non-condensing)
	Operating Vibration	5 Hz to 350 Hz at 0.0002 G^2/HzS
	Storage Vibration	5 Hz to 500 Hz at 0.001 to 0.01 G^2/Hz
	Operating Shock	40 G +/- 5% with pulse duration of 2 msec +/- 10% (equivalent to 51 cm/sec [20 in/sec])
	Storage Shock	105 G +/- 5% with pulse duration of 2 msec +/- 10% (equivalent to 127 cm/sec [50 in/sec])
	Operating Altitude	-15.2 m to 3048 m (-50 ft to 10,000 ft)
	Storage Altitude	-15.2 m to 10,668 m (-50 ft to 35,000 ft)

SUPPLIED ACCESSORIES		USB Keyboard
		USB Mouse
		Power cord
		4 mini-DisplayPort (mDP) to DVI adapters

CERTIFICATIONS	Certifications/Directives	UL	cUL	CE	RCM
		CCC	EAC	VCCI	KC
		BSMI	NRCS	RoHS	SVHC

ORDERING INFORMATION	HD-RMWS4-4MN	Avigilon Control Center professional high performance remote monitoring workstation for up to 4 monitors*
	HD-RMWS4-4MN-WARR-EXTEND-2YR	2-Year Extended Warranty for RMWS4-4MN
	HD-RMWS4-4MN-WARR-EXTEND-1YR	1-Year Extended Warranty for RMWS4-4MN

* Monitor sold separately

HD-RMWS4-4MN-**NA** =   HD-RMWS4-4MN-**UK** =   HD-RMWS4-4MN-**EU** =   HD-RMWS4-4MN-**AU** =