Cisco Meraki MV63 - Network surveillance camera

dome - outdoor - colour (Day&Night) - 8,410,000 pixels - 2560 x 1440 - 1080p - fixed focal - audio - wireless - Wi-Fi - GbE - H.264 - PoE Plus

Group	Network Equipment
Manufacturer	Cisco
Manufacturer item no.	MV63-HW

Description

The Meraki MV63, part of the third generation of MV smart cameras, combines physical security and advanced analytics in a powerful, yet compact fixed-lens mini dome form factor. With an edge architecture that minimizes physical infrastructure and software requirements, MV63 enables faster, easier deployments and greater scalability.

The ultra-high-performance MV63 series camera supports up to 4K resolution for high-definition video, delivering the level of detail needed to stay on top of what matters. With IK10+ and IP67 ratings, plus IR illumination, the MV63 extends visibility and safety to outdoor and demanding environments.

Compact and easy to install, MV63 series cameras are compatible with a variety of mounting accessories, delivering the right viewing angle wherever they are placed. MV63 series cameras are ideal for monitoring entrances and exits, as well as the general perimeter, from walls, ceilings, or even corner-mount locations.

Using machine-learning based computer vision, MV63 cameras can perform real-time object detection, classification, and tracking of people and vehicles to increase safety and provide useful insights into activity. These smart cameras deliver powerful business intelligence without compromising physical security.

Main features

Product Description	Cisco Meraki MV63 - network surveillance camera - dome
Device Type	Network surveillance camera - fixed - dome - outdoor
Audio	Yes: built-in three microphones
Camera Mount Type	Wall mount
Dimensions (WxDxH)	13.098 cm x 13.098 cm x 9.5 cm
Weight	920 g
Connectivity Technology	Wired, wireless
Camera	Colour - Day&Night
Max Resolution	2560 x 1440
Frame Rate (max)	24 frames per second
Motion Detection	Yes
Video Modes	1080p

Optical Sensor Type	CMOS - 1/2.8" - 8,410,000 pixels
Focal Length Control	Fixed focal
Focal Length	3.3 mm
Lens Iris	F/2.0
Interfaces	IEEE 802.11b, IEEE 802.11g, Ethernet 10Base-T/100Base-TX/1000Base-T, IEEE 802.11n, IEEE 802.11a, IEEE 802.11ac
Voltage	PoE Plus
Features	Object Detection, heater, LED indicator, reset button, High Dynamic Range (HDR), Smart Codec, WPA, WPA2-PSK, WPA2-Enterprise, night vision, signed firmware, secure boot, integrated omnidirectional aerials, management encryption, two-factor authentication, Motion Search, Motion Recap, Motion Heatmaps, role-based user accounts, up to 256 QAM
Environmental Parameters (operating)	-40 °C - 50 °C

Extended details

	General
Device Type	Network surveillance camera
Audio Support	Yes: built-in three microphones
Form Factor	Dome
Camera Mount Type	Wall mount
Connectivity Technology	Wired, wireless
Width	13.098 cm
Depth	13.098 cm
Height	9.5 cm
Weight	920 g
	Camera
Type	Colour - Day&Night - fixed - outdoor
Digital Video Format	H.264
Max Digital Video Resolution	2560 x 1440
Motion Detection	Yes
Video Modes	1080p
Exposure Range	1/30 sec - 1/32000 sec
Infrared LEDs	Yes
Infrared Distance	20 m

Video Capture	2560 x 1440 @ 24 fps ¦ 1920 x 1080 @ 24 fps
Flash Memory	256 GB
Features	Object Detection, heater, LED indicator, reset button, High Dynamic Range (HDR), Smart Codec, WPA, WPA2-PSK, WPA2-Enterprise, night vision, signed firmware, secure boot, integrated omnidirectional aerials, management encryption, two-factor authentication, Motion Search, Motion Recap, Motion Heatmaps, role-based user accounts, up to 256 QAM

Image Sensor

Type	8,410,000 pixels CMOS 1/2.8"

Lens Construction

Type	Fixed focal
Focal Length	3.3 mm
Lens Iris	F/2.0
Horizontal Field of View (degree)	102

Interfaces

Network Interface	IEEE 802.11b, IEEE 802.11g, Ethernet 10Base-T/100Base-TX/1000Base-T, IEEE 802.11n, IEEE 802.11a, IEEE 802.11ac
Network Protocols	DSCP

Expansion / Connectivity

Ports	LAN/power - RJ-45

Miscellaneous

Included Accessories	Wall mount kit
Compliant Standards	AES-256, IP67, IK10+, IEEE 802.1x

Power

Power Requirements	PoE Plus

Internet of Things (IoT)

Internet of Things (IoT) Compatible	Yes
Communications Type	Cloud

Manufacturer Warranty

Service & Support	Limited warranty - advanced replacement - 5 years

Environmental Parameters

Min Operating Temperature	-40 °C
Max Operating Temperature	50 °C

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