

Cisco Meraki MV32 - network surveillance camera - dome(MV32-HW)

Cisco Meraki MV32 - Network surveillance camera - dome - indoor - colour - 8.4 MP - 2058 x 2058 - fixed focal - audio - wireless - Wi-Fi - GbE - H.264 - PoE



The MV32 smart camera adds 360 degree viewing to the MV family lineup. Advanced analytics, combined with the wide overall viewing angle, provide valuable, big picture insights into what is happening in an organization. Featuring in-browser dewarp, and digital pan, tilt, and zoom on live and historical footage, the MV32 is a perfect fit for a variety of deployments.

The MV32 has an 8.4MP sensor, capable of recording in up to 2058 x 2058 resolution. As with the entire MV lineup, MV22 features an innovative architecture which places high-endurance storage locally on the camera and removes the network video recorder (NVR) from the equation. Not only does this drastically simplify both installation and scaling, but it also eliminates a major network security vulnerability in the IT infrastructure.

Harnessing the power of computer vision and machine learning, this camera can identify and classify objects within the frame, providing, providing valuable insights about customer behavior patterns, school safety, and more. This made possible by an industry-leading processor on each camera, enabling analytics that would have previously required additional software and heavy-duty hardware.

Key Selling Points

- 180° field of view for comprehensive coverage
- 8.4 million pixel CMOS sensor captures fine details
- Supports both wired and wireless connectivity options
- Compliant with AES-256 and TLS for enhanced security
- Energy-efficient design with a low operational power consumption of 12.95 watts

Product Features

- Wide coverage**  
Equipped with a 180° horizontal and vertical angular field of view, the Cisco Meraki MV32 captures a comprehensive panorama in high detail, ensuring no corner is left unseen.
- Exceptional clarity**  
The MV32 boasts an 8.4 million pixel CMOS sensor paired with a fixed focal lens of f/2.0 aperture, delivering crisp and clear images even in low-light conditions as minimal as 0.18 lux.
- Versatile connectivity**  
This network surveillance camera supports both wired and wireless connections, including Ethernet and Wi-Fi standards such as IEEE 802.11a/b/g/n/ac, offering flexible installation options and easy integration into existing networks.
- Advanced security**  
With AES-256 and TLS compliance, alongside WPA, WPA2-Enterprise, and WPA2-PSK features, the MV32 ensures your surveillance footage is protected against unauthorized access, maintaining the integrity and confidentiality of your data.
- Efficient operation**  
Operating on Power over Ethernet (PoE) and consuming just 12.95 watts, the MV32 is designed for energy-efficient performance without compromising on functionality or quality.

Main Specifications

Product Description	Cisco Meraki MV32 - network surveillance camera - dome
Device Type	Network surveillance camera - fixed - dome - indoor
Audio	Yes: built-in microphone
Dimensions (WxDxH)	10.6 cm x 10.6 cm x 4.586 cm
Weight	215 g
Connectivity Technology	Wired, wireless
Camera	Colour
Max Resolution	2058 x 2058

Frame Rate (max)	15 frames per second
Optical Sensor Type	CMOS - 1/2.5" - 8.4 MP
Minimum Illumination	0.18 lux
Focal Length Control	Fixed focal
Focal Length	1.19 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
Features	LED indicator, reset button, High Dynamic Range (HDR), WPA, WPA2-PSK, WPA2-Enterprise
Manufacturer Warranty	3-year warranty
Environmental Parameters (operating)	0 °C - 40 °C

## Extended Specification

### General

Device Type	Network surveillance camera
Audio Support	Yes: built-in microphone
Form Factor	Dome
Connectivity Technology	Wired, wireless
Width	10.6 cm
Depth	10.6 cm
Height	4.586 cm
Weight	215 g

### Expansion / Connectivity

Ports	LAN/power - RJ-45
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### Manufacturer Warranty

Service & Support	Limited warranty - advance parts replacement - 3 years
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### Miscellaneous

Included Accessories	Wall mount kit
Compliant Standards	AES-256, TLS, IEEE 802.3af, IEEE 802.1x

### Power

Power Requirements	PoE
Power Device	12.95 Watt

### Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C

### Camera

Type	Colour - fixed - indoor
Digital Video Format	H.264
Max Digital Video Resolution	2058 x 2058
Exposure Range	1/30 sec - 1/32000 sec
Minimum Illumination	0.18 lux
Video Capture	2058 x 2058 @ 15 fps   1080 x 1080 @ 8 fps

Flash Memory	256 GB
Features	LED indicator, reset button, High Dynamic Range (HDR), WPA, WPA2-PSK, WPA2-Enterprise

**Lens Construction**

Type	Fixed focal
Focal Length	1.19 mm
Lens Iris	F/2.0
Horizontal Field of View (degree)	180
Vertical Field of View (degree)	180

**Image Sensor**

Type	8.4 MP CMOS 1/2.5"
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**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

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