Cisco Meraki MV33M - network surveillance camera - fisheye(MV33M-HW)

Cisco Meraki MV33M - Network surveillance camera - fisheye - colour - 12.4 MP - 2880 x 2880 - fixed focal - audio - wireless - Wi-Fi - GbE - H.264 - DC 12 V / PoE Plus

Third-generation indoor fisheye camera with an immersive 360° field of view.

Key Selling Points

360° field of view for extensive coverage
Up to 2880 x 2880 image resolution for clear visuals
Advanced motion detection features for enhanced security
Supports both wired and wireless connectivity
Robust encryption and security protocols for data protection

Product Features

High-resolution optical sensor
The camera features a CMOS optical sensor with 12,400,000 pixels, delivering image quality and clarity for surveillance applications.

Versatile video capture
It supports multiple resolution options, including 2880 x 2880, 2112 x 2112, and 1080 x 1080, along with frame rates of up to 24 fps for fluid video playback.

Comprehensive security features
Equipped with encryption protocols such as TLS and AES, the MV33M ensures data transmission and safe access for users.

Intelligent detection capabilities
Utilizing advanced object detection and motion search technologies, this camera effectively identifies movement patterns and enhances monitoring efficiency.

Flexible installation options
The camera is designed for wall mounting and operates both wirelessly and via LAN, providing adaptable setup for various environments.

Main Specifications

Product Description	Cisco Meraki MV33M - network surveillance camera - fisheye
Device Type	Network surveillance camera - fixed - fisheye
Audio	Yes: built-in three microphones
Camera Mount Type	Wall mount
Dimensions (WxDxH)	12.066 cm x 12.066 cm x 4.98 cm
Weight	330 g
Connectivity Technology	Wired, wireless
Camera	Colour
Max Resolution	2880 x 2880
Frame Rate (max)	24 frames per second
Motion Detection	Yes
Optical Sensor Type	CMOS - 1/2.3" - 12.4 MP
Focal Length Control	Fixed focal
Focal Length	1.6 mm
Lens Iris	F/2.0
Interfaces	Ethernet 10Base-T/100Base-TX/1000Base-T, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac
Voltage	DC 12 V / PoE Plus

Features	Cloud-augmented, entrance / exit detection, Object Detection, SmartCodec technology, Line Crossing Detection, area occupancy, secure boot, up to 256 QAM, integrated omnidirectional aerials, 802.1x authentication, LED indicator, reset button, management encryption, two-factor authentication, Motion Search, Motion Recap, Motion Heatmaps, role-based user accounts, signed firmware, Live Streaming, 360° field of view
Manufacturer Warranty	5-year warranty
Environmental Parameters (operating)	0 °C - 40 °C

Extended Specification

General

Device Type	Network surveillance camera
Audio Support	Yes: built-in three microphones
Form Factor	Fisheye
Camera Mount Type	Wall mount
Connectivity Technology	Wired, wireless
Width	12.066 cm
Depth	12.066 cm
Height	4.98 cm
Weight	330 g

Expansion / Connectivity

Ports	LAN/power - RJ-45
Encryption Algorithm	256-bit AES, TLS, WPA, WPA2-PSK, WPA2-Enterprise, EAP-TTLS, TKIP

Manufacturer Warranty

Service & Support	Limited warranty - advanced replacement - 5 years

Miscellaneous

Included Accessories	Wall mount kit
Compliant Standards	NDAA, IEEE 802.3af

Power

Power Requirements	DC 12 V / PoE Plus
Power Device	12.95 Watt

Environmental Parameters

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

Camera

Type	Colour - fixed
Digital Video Format	H.264
Max Digital Video Resolution	2880 x 2880
Motion Detection	Yes
Exposure Range	1/30 sec - 1/32000 sec
Video Capture	2880 x 2880 @ 8 fps ¦ 2112 x 2112 @ 15 fps ¦ 1080 x 1080 @ 24 fps
Flash Memory	512 GB

Features	Cloud-augmented, entrance / exit detection, Object Detection, SmartCodec technology, Line Crossing Detection, area occupancy, secure boot, up to 256 QAM, integrated omnidirectional aerials, 802.1x authentication, LED indicator, reset button, management encryption, two-factor authentication, Motion Search, Motion Recap, Motion Heatmaps, role-based user accounts, signed firmware, Live Streaming, 360° field of view

Lens Construction

Type	Fixed focal
Focal Length	1.6 mm
Lens Iris	F/2.0
Horizontal Field of View (degree)	180
Vertical Field of View (degree)	180

Image Sensor

Type	12.4 MP CMOS 1/2.3"

Interfaces

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

What's in the box

Cisco Meraki MV33M
Wall mount kit