

Cisco Meraki Varifocal MV72 Outdoor HD Dome Camera With 256GB Storage - network surveillance camera - dome(MV72-HW)

Cisco Meraki Varifocal MV72 Outdoor HD Dome Camera With 256GB Storage - Network surveillance camera - dome - outdoor - vandal / weatherproof - colour (Day&Night) - 4 MP - 1920 x 1080 - 1080p - vari-focal - wireless - Wi-Fi - GbE - H.264 - PoE



MV72 expands the second generation of MV cameras to an outdoor varifocal form factor. MV72 is IK10+ and IP67 rated for vandal resistance and rugged environments. With a more powerful processor and all the architectural benefits of the first generation, the second generation of MV cameras represents a shift from cameras simply ensuring physical safety and security, to providing business intelligence as well.

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.

Featuring an industry-leading processor, these three camera models are not only capable of providing high definition (1080p) video, but they also allow for on-board analytics capabilities that previously required additional software and heavy-duty hardware. Harnessing the power of computer vision and machine learning, this camera can categorize people as objects in a frame, providing valuable insights about customer behavior patterns, school safety, and more.

Key Selling Points

- Onboard storage eliminates the need for an NVR
- IK10+ and IP67 rated for weatherproofing and harsh environments
- An advanced processor on each smart camera lets users take advantage of computer vision and machine learning with no servers required
- The varifocal lens allows for remote optical zoom from the dashboard

Product Features

- Robust design**  
Designed to withstand the harshest environmental conditions, the Cisco Meraki Varifocal MV72 Outdoor HD Dome Camera is both vandal- and weatherproof. Its compliance with IK10 and IP66 standards ensures durability and reliability in any outdoor setting, providing peace of mind in security applications.
- Advanced optics**  
Featuring a vari-focal lens with a wide angular field of view ranging from 36 to 122 degrees horizontally and 20 to 57 degrees vertically, this camera offers flexibility in monitoring large areas or specific points of interest. The lens aperture of f/1.2-2.3, combined with a focal length range of 3 mm to 9 mm, allows for clear image capture in various lighting conditions.
- High-quality imaging**  
Equipped with a CMOS optical sensor and capable of producing video in Full HD resolution, the camera delivers high-quality, detailed images. The High Dynamic Range (HDR) feature enhances image clarity in scenes with contrasting lighting, ensuring critical details are captured.
- Versatile connectivity**  
This network surveillance camera supports both wired and wireless connectivity, including Ethernet 10Base-T/100Base-TX/1000Base-T and Wi-Fi, offering flexible installation options. Its day and night functionality, along with infrared LEDs providing a 30 m range, ensures continuous surveillance regardless of the time of day or lighting conditions.
- Efficient operation**  
With a low operational power consumption of 23.4 W and support for Power over Ethernet (PoE), the Cisco Meraki Varifocal MV72 is designed for efficient energy use while maintaining continuous surveillance capabilities.

Main Specifications

Product Description	Cisco Meraki Varifocal MV72 Outdoor HD Dome Camera With 256GB Storage - network surveillance camera - dome
Device Type	Network surveillance camera - fixed - dome - outdoor - vandal / weatherproof
Dimensions (WxDxH)	16.5 cm x 16.5 cm x 10.3 cm

Weight	1.247 kg
Connectivity Technology	Wired, wireless
Camera	Colour - Day&Night
Optical Zoom	3 x
Max Resolution	1920 x 1080
Frame Rate (max)	20 frames per second
Video Modes	1080p
Optical Sensor Type	CMOS - 1/3" - 4 MP
Minimum Illumination	0.18 lux - colour   0.01 lux - IR
Focal Length Control	Vari-focal
Focal Length	3 mm - 9 mm
Lens Iris	F/1.2-2.3
Panning Range (degree)	354
Tilting Range (degree)	65
Interfaces	Ethernet 10Base-T/100Base-TX/1000Base-T
Voltage	PoE
Features	Heater, LED indicator, High Dynamic Range (HDR)
Manufacturer Warranty	3-year warranty
Environmental Parameters (operating)	-40 °C - 50 °C

Extended Specification

General

Device Type	Network surveillance camera
Form Factor	Dome
Connectivity Technology	Wired, wireless
Width	16.5 cm
Depth	16.5 cm
Height	10.3 cm
Weight	1.247 kg

Expansion / Connectivity

Ports	LAN/power - RJ-45
-------	-------------------

Manufacturer Warranty

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

Miscellaneous

Included Accessories	Ceiling mount kits, wall mount kit
Compliant Standards	AES-256, IK10, IP66, TLS, IEEE 802.3af

Power

Power Requirements	PoE
Power Device	23.4 Watt

Environmental Parameters

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

## Camera

Type	Colour - Day&Night - fixed - outdoor - vandal / weatherproof
Digital Video Format	H.264
Max Digital Video Resolution	1920 x 1080
Video Modes	1080p
Exposure Range	1/30 sec - 1/32000 sec
Minimum Illumination	0.18 lux - colour   0.01 lux - IR
Infrared LEDs	Yes
Infrared Distance	30 m
Digital Video Capture Resolution	1920 x 1080
Frame Rate (max)	20 frames per second
Features	Heater, LED indicator, High Dynamic Range (HDR)

## Lens Construction

Type	Vari-focal
Optical Zoom	3 x
Focal Length	3 mm - 9 mm
Lens Iris	F/1.2-2.3
Horizontal Field of View (degree)	36 - 122
Vertical Field of View (degree)	20 - 57

## Image Sensor

Type	4 MP CMOS 1/3"
Total Pixels	1520 x 2688

## Interfaces

Network Interface	Ethernet 10Base-T/100Base-TX/1000Base-T
Network Protocols	DSCP

## Panning

Range (degree)	354
----------------	-----

## Tilting

Range (degree)	65
----------------	----

## What's in the box

Cisco Meraki Varifocal MV72 Outdoor HD Dome Camera With 256GB Storage  
Ceiling mount kits, wall mount kit

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet