

## Cisco Meraki MV72 (MV72X-HW)

Cisco Meraki MV72 - Network surveillance camera - dome - outdoor - vandal / weatherproof - colour (Day&Night) - 4 MP - 2688 x 1520 - 1080p - vari-focal - audio - wireless - Wi-Fi - GbE - H.264 - PoE Plus



The Meraki MV72X, part of the MV smart camera family, brings physical security and advanced analytics together in a dome form factor suitable for outdoor and demanding deployments. The powerful built-in processor - the same kind found in many of today's smartphones - and innovative architecture minimizes physical infrastructure as well as software requirements. MV72X not only ensures physical safety and security, but provides business intelligence, all in a refreshingly simple package.

### Key Selling Points

- Outdoor-ready with IP67 and IK10+ ratings for weather and vandal resistance
- Vari-focal lens with a wide angular field of view for versatile monitoring
- 4 million total pixels and HDR for high-quality, detailed images
- Supports Ethernet and Wi-Fi connectivity for flexible installation
- Built-in microphone for audio capture enhances surveillance capabilities

### Product Features

- Robust design**  
Designed to withstand harsh environments, the Cisco Meraki MV72 features an IP67 rating for water and dust resistance, and an IK10+ rating for impact protection, ensuring reliable performance in outdoor or challenging conditions.
- Advanced optics**  
Equipped with a vari-focal lens and a wide angular field of view ranging from 42 to 138 degrees, the MV72 provides flexible monitoring options and superior image clarity, even in varied lighting conditions, thanks to its lens aperture of f/1.2-2.3.
- High-quality imaging**  
The MV72 boasts a 1/3" CMOS sensor capable of capturing high-resolution images with a total of 4,000,000 pixels. Combined with High Dynamic Range (HDR) and day and night functionality, it delivers clear, detailed images around the clock.
- Seamless connectivity**  
This network surveillance camera supports a wide range of networking protocols and Wi-Fi standards, including Ethernet and IEEE 802.11a/b/g/n/ac, ensuring easy integration into existing networks and flexible installation options.
- Enhanced security features**  
With AES-256 encryption and support for multiple IEEE standards, the MV72 provides a secure monitoring solution. Its built-in microphone and support for audio capture add an extra layer of security for comprehensive surveillance.

### Main Specifications

|                         |                                                                              |
|-------------------------|------------------------------------------------------------------------------|
| Product Description     | Cisco Meraki MV72 - network surveillance camera - dome                       |
| Device Type             | Network surveillance camera - fixed - dome - outdoor - vandal / weatherproof |
| Audio                   | Yes: built-in microphone                                                     |
| 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          | 2688 x 1520                                                                  |
| Frame Rate (max)        | 20 frames per second                                                         |
| Motion Detection        | Yes                                                                          |
| Video Modes             | 1080p                                                                        |
| Optical Sensor Type     | CMOS - 1/3" - 4 MP                                                           |
| Minimum Illumination    | 0.18 lux - colour - F2.3   0.01 lux - B&W - F2.3                             |
| 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                           | 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                             | Progressive scanning, High Dynamic Range (HDR), WPA, WPA2-PSK, WPA2-Enterprise                                 |
| Manufacturer Warranty                | 3-year warranty                                                                                                |
| Environmental Parameters (operating) | -40 °C - 50 °C                                                                                                 |

## Extended Specification

### General

|                         |                             |
|-------------------------|-----------------------------|
| Device Type             | Network surveillance camera |
| Audio Support           | Yes: built-in microphone    |
| 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 | Wall mount kit, junction box adapter plate                                   |
| Compliant Standards  | Plug and Play, AES-256, IP67, IK10+, IEEE 802.3af, IEEE 802.3at, IEEE 802.1x |

### Power

|                    |           |
|--------------------|-----------|
| Power Requirements | PoE Plus  |
| Power Device       | 25.5 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     | 2688 x 1520                                                  |
| Motion Detection                 | Yes                                                          |
| Video Modes                      | 1080p                                                        |
| Exposure Range                   | 1/30 sec - 1/32000 sec                                       |
| Minimum Illumination             | 0.18 lux - colour - F2.3   0.01 lux - B&W - F2.3             |
| Infrared LEDs                    | Yes                                                          |
| Infrared Distance                | 30 m                                                         |
| Digital Video Capture Resolution | 1920 x 1080, 2688 x 1520, 1080p                              |

|                                |                                                                                |
|--------------------------------|--------------------------------------------------------------------------------|
| Frame Rate (max)               | 20 frames per second                                                           |
| Still Image Capture Resolution | 1080p                                                                          |
| Flash Memory                   | 256 GB                                                                         |
| Features                       | Progressive scanning, High Dynamic Range (HDR), WPA, WPA2-PSK, WPA2-Enterprise |

*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 - 112    |
| Vertical Field of View (degree)   | 20 - 57     |
| Diagonal Field of View (degree)   | 42 - 138    |

*Image Sensor*

|      |                |
|------|----------------|
| Type | 4 MP CMOS 1/3" |
|------|----------------|

*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 | TLS, DSCP, EAP                                                                                                 |

*Panning*

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

*Internet of Things (IoT)*

|                     |       |
|---------------------|-------|
| Communications Type | Cloud |
|---------------------|-------|

*Tilting*

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

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