Applications

Advanced Smart Detection and Tracking in Any Weather, Day and Night

MC510 smartly tracks motion 24/7, ensuring subjects stay in view, even in complete darkness with color night vision. Works well in extreme weather, including rain, lightning, and sandstorms. Receive instant alerts for motion or people so nothing gets missed.

Motion Detection and Tracking | Color Night Vision up to 98 ft | IP65 Waterproof & Dustproof | Free Person Detection

Features

Wide Field of View
360° horizontal range without blind spots.

Free Local microSD Storage
Store up to 512 GB of video on a microSD card.†

2K DeǪnition¨
Provides more crisp details for superior home monitoring.

Two-Way Audio
Hear and respond in real time through a built-in microphone and speaker.

Customizable Activity Zones
Customize detection zones to receive alerts for your most important areas.

Cloud Storage Supported
Store videos by using cloud storage services.‡

Sound and Light Alarm
Customize the integrated siren to deter unwelcome intruders.

Smart Patrol Mode
Cruise between two customized points for dynamic monitoring.

Multiple Installation Options
Easily install on any wall, ceiling, or pole for the perfect view.*

Specifications

Camera

- Image Sensor: 1/3"
- Resolution: 3MP (2304 × 1296 px)
- Color Night Vision: 850 nm IR LED (up to 98 ft)
  Full Color with Spotlights
- Lens: Focal Length: 4 mm
  Aperture: F2.0
  Field of View: 360° Horizontal

Audio & Video

- Audio Communication: 2-way audio
- Audio Input & Output: Built-in microphone and speaker
- Video Compression: H.264
- Frame Rate: 15/20/25/30 fps (15fps by default)
- Video Definition: 2K 3MP (2304 x 1296 px)

Detection & Notification

- AI Detection: Motion detection
  Person Detection
- Output Notification: System Notification

Hardware

- Button: RESET button
- Indicator LED: System LED
- Adapter Input: 100-240VAC, 50/60Hz
- Adapter Output: 9.0V/0.85A (DC Power)
- External Storage: Micro SD card slot (Supports up to 512GB)
- Dimensions (W x D x H): 5.57 × 3.66 × 4.80 in. (141.5 × 93 × 122 mm)

Speciϙcations

Network

- Wireless Rate:

  11Mbps(802.11b)

  54Mbps(802.11g)

  72.2Mbps(802.11n)
- Frequency: 2.4GHz
- Wireless Security: WPA/WPA2-PSK
- Security: 128 bit AES encryption with SSL/TLS
- Protocol: TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP

Others

- Certiϙcation: CE, NCC, BSMI, NTRA, KC, RCM, ONVIF
- Package Contents:

  Outdoor Pan/Tilt Security Wi-Fi Camera (MC510) × 1

  Power Adapter × 1

  Mounting Template Sticker × 1

  Mounting Bracket x 1

  Mounting Screws × 4

  Bracket Screws x 2

  Mounting Anchors × 4

  Waterproof Foam Gasket x 1

  Quick Start Guide
- Operating Temperature: -20°C~50°C (-4°F~122°F)
- Storage Temperature: -40°C~60°C (-40°F~140°F)
- Operating Humidity: 10%~90%RH, Non-condensing
- Storage Humidity: 0%~90%RH, Non-condensing

Speciϙcations are subject to change without notice.
†microSD card sold separately. Actual storage capacity depends on the size of the microSD card used.
‡Subscribe for cloud storage at https://www.mercusys.com/cameracare/
ï Compatible with Alexa and Google Assistant supported displays. User experience is dependent on the connected device·s speciϙcations.
*Mounting loops purchased separately.