

Pan/Tilt Home Security Wi-Fi Camera

Model: MC7021

Highlights

1080P Full HD

Motion Detection and Tracking | Person Detection | Baby Crying Detection | Night Vision up to 40 ft

Easy App Control

The MERCUSYS app helps you set up in minutes and manage your Wi-Fi camera at home or away through your iOS or Android devices.



// Applications

Advanced Smart Detection, Day and Night

MC7021 smartly tracks motion 24/7, ensuring subjects stay in view, even in complete darkness with night vision. Receive instant alerts for detected people or a baby's cries.



// Features



Wide Field of View

360° horizontal range without blind spots.



Local microSD Storage

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



1080p Full High Definition

Provides greater sharpness for superior home monitoring.



Two-Way Audio

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



Customizable Block Zone

Tailor your privacy zone to block unwanted views with ease.



Cloud Storage Supported

Store videos by using cloud storage services.‡

// Specifications

Camera

- Image Sensor: 1/3.2" Progressive Scan CMOS Not Starlight Sensor
- Resolution: 2MP (1920 × 1080 px)
- Night Vision: 850 nm IR LED (Up to 40 ft)
- Lens: Focal Length: 4 mm
Aperture: F2.0
Field of View: 80° (Diagonal), 71°(Horizontal), 39°(Vertical)

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 (15 FPS by default)[☆]
- Maximum Resolution: 1920 × 1080 px

Detection & Notification

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

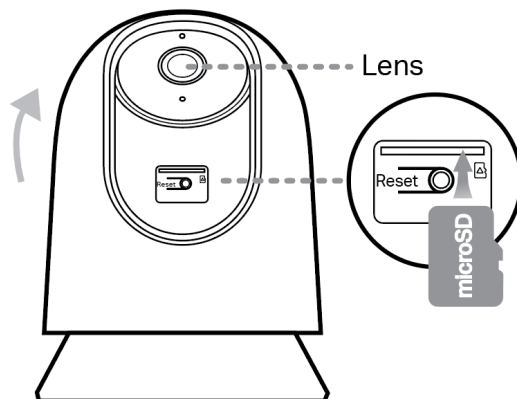
Hardware

- Button: RESET button
- Indicator LED: System LED
- Adapter Input: 100-240VAC, 50/60Hz, 0.3A
- Adapter Output: 9.0 V, 0.6 A (DC Power)
- External Storage: Micro SD card slot (Supports up to 512GB)
- Dimensions (W x D x H): 3.09 × 3.09 × 4.16 in. (78.4 × 78.4 × 105.6 mm)

// Specifications

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

- Certification: CE, ONVIF, NTRA
- Package Contents:
Pan/Tilt Home Security Wi-Fi Camera (MC7021) × 1
Power Adapter × 1
Mounting Anchors × 2
Mounting Screws × 2
Mounting Template Sticker × 1
Quick Start Guide
- Operating Temperature: 0 °C ~ 40 °C (32°F ~ 104°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

Specifications are subject to change without notice.

*microSD card sold separately.

*Subscribe for cloud storage at <https://www.mercusys.com/cameracare/>

*The maximum supported video frame rate depends on local power supply specifications. In regions with 60 Hz power, up to 30 FPS can be achieved; in regions with 50 Hz power, the maximum is 25 FPS.