

# Pan/Tilt Home Security Wi-Fi Camera

Model: MC7031

## Highlights

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# 2K Resolution

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

MC7031 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.†



### 2K Definition<sup>^</sup>

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 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" Progressive Scan CMOS Not Starlight Sensor
- Resolution: 3MP (2304 × 1296 px)
- Night Vision: 850 nm IR LED (40 ft / 12 m)
- Lens: Focal Length: 4 mm  
Aperture: F2.0  
Field of View: 86° (Diagonal), 73°(Horizontal), 40°(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)<sup>☆</sup>
- Maximum Resolution: 2304 × 1296 px

### Detection & Notification

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

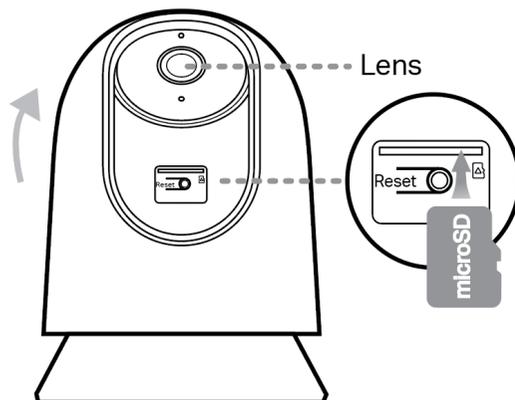
### Hardware

- Button: RESET button
- Indicator LED: System LED
- Adapter Input: 100-240VAC, 50/60Hz, 0.3A
- Adapter Output: 9.0V/0.6A
- 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 (MC7031) × 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.