

Outdoor Dual Lens Pan/Tilt Security Camera

Model: MC545D

Dual-Lens **2K+2K** Resolution

Ultra-Wide
Dual-Lens Coverage

Motion Detection and
Tracking

Color Night
Vision

Powerful Light & Sound
Alarm



Easy App Control

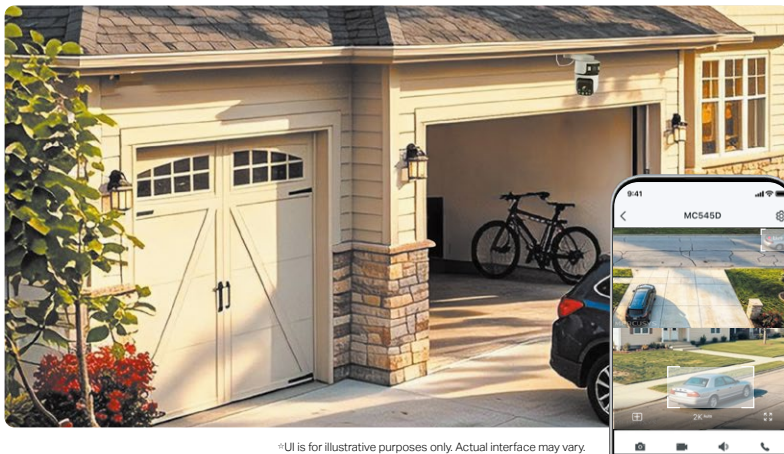
The MERCUSYS app helps you set up in minutes and manage your devices at home or away through your iOS or Android devices.



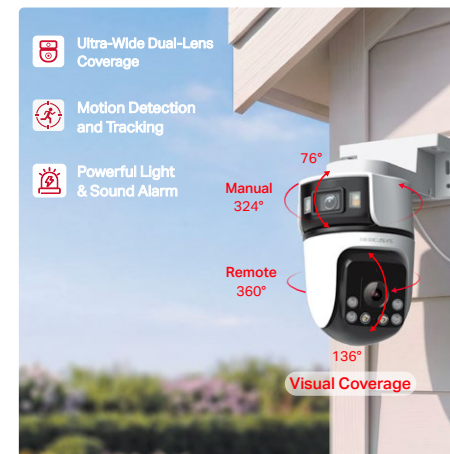
// Highlight

Double the View, Double the Protection

See more and keep key areas in sight with dual lenses that deliver both fixed and pan-tilt views in one camera.



UI is for illustrative purposes only. Actual interface may vary.



Ultra-Wide Dual-Lens Coverage

Monitor two angles simultaneously to eliminate blind spots and expand your view.



Watch and Track in One

The fixed view stays on the key area, while the PT view tracks moving targets.



Powerful Light & Sound Alarm

Deter intruders with flashing red and blue lights and a built-in 2W speaker for loud voice alerts.



Color Night Vision

Built-in spotlights reveal vivid colors after dark for greater safety.



Subscription-Free AI Detection

Identifies people and motion with precision. No monthly fees required.



Local & Cloud Storage

Supports microSD cards up to 512GB and cloud storage for all your recordings.[^]



Smart Patrol Mode

Patrol up to eight customized points for dynamic monitoring.



Dual-Band Wi-Fi Connectivity

Supports 5 GHz & 2.4 GHz Wi-Fi for fast, stable video transmission.



Multiple Installation Options

Easily install on any wall, ceiling, or pole for the perfect view.

// Specifications

Camera

Image Sensor: 1/2.8" CMOS Sensor

Maximum Resolution: 2K (2304×1296 px) + 2K (2304×1296 px)

Night Vision:

Fixed Lens & Pan-Tilt Lens: Infrared Night Vision (82 ft/25 m),

Color Night Vision (66 ft/20 m)

Lighting:

Fixed Lens: 2× 850nm IR LED, 2× Spotlights

Pan-Tilt Lens: 2× 850nm IR LED, 2× Spotlights, 1× Blue Warning Light

1× Red Warning Light

Lens:

Focal Length: 4.0 mm

Aperture: F2.0

Field of View: 100° (Diagonal), 84° (Horizontal), 46° (Vertical)

Detection & Notification

AI Detection: Motion Detection, Person Detection,
Line-Crossing Detection

Activity Zones: Yes

Output Notification: System Notification

Audio & Video

Audio Communication: Two-Way Audio with Noise
Cancellation

Audio Input & Output: Built-in microphone and speaker

Frame Rate: 15 fps

Digital Zoom: 10.8x (Wide-angle Lens & Telephoto Lens)

Siren Volume: 99.4 dB (measured at 4-inch/10-cm distance)

Image Enhancement: WDR

Live View: Yes

Hardware

Button: RESET button

LED Indicator: System LED

Power Input: 100-240VAC, 50/60Hz

Power Output: 12V/1A (DC Power)

External Storage: Micro SD card slot (Supports up to 512GB)

Dimensions (W x D x H): 98.6x151.0x188.6 mm

// Specifications

Network

Wireless Connectivity: IEEE 802.11 a/b/g/n, 2.4 GHz/5 GHz

Wireless Rate:

11a: 54 Mbps

11b: 11 Mbps

11g: 54 Mbps

11n: 72.2 Mbps

Transmit Power: <20 dBm

Wireless Security: WPA/WPA2-PSK/WPA3-SAE

Encryption: 128 bit AES encryption with SSL/TLS

Protocol: TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP

Ethernet Port: 1× 100 Mbps RJ45 Port on Camera

RTSP: Yes

ONVIF: Yes (Profile S)

Others

Certification: CE, NCC, BSMI, NTRA, KC, RCM, IP65, EAA

Package Contents:

MC545D Camera (Mounting Bracket Include) × 1

Mounting Template Sticker × 1

Mounting Screws & Anchors × 4

Waterproof Seal × 1

Waterproof Cable Attachment × 1

Power Adapter × 1

Quick Start Guide × 1

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

www.mercusys.com

For support and warranty, please visit: <https://www.mercusys.com/support>

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†The bullet camera angle is manually adjusted using the bracket during installation. The PT camera angle can be remotely controlled in the app.

§Compatible with Alexa and Google Assistant supported displays. User experience is dependent on the connected device's specifications.

△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/camercare/>