Outdoor Pan/Tilt Security Wi-Fi Camera
Model: Tapo C510W
Smart. Secure. Easy.

- Full-Color Night Vision
- 2K Resolution Live View
- 360° Visual Coverage
- Smart Person Detection
- Local microSD Storage

Datasheet
// Highlights

2K Resolution, Full-Color Night Vision
Enhances your security by revealing highly-detailed images and vivid colors. Receive full-color live view even in total darkness with built-in spotlights.

360° Visual Coverage and Motion Tracking
Provides panoramic views and enables you to keep an eye on more vital areas. Tapo C510W will also track and follow a subject smartly to keep it within the camera’s field of view.
// Highlights

Person Detection and Notification
Receive instant notification from the Tapo app when a person is detected.

Local microSD Storage (Up to 512GB)† and Cloud Storage**
Save recorded videos to an installed microSD card (up to 512 GB)† or by using Tapo Care** cloud storage service.

// Features

IP65 Weatherproof
Helps Tapo C510W perform well even in harsh environments with rain and dust.

Sound and Light Alarm
Triggers built-in/prerecorded sounds and light as an alarm to frighten away unwanted visitors.

Activity Zones
Notifies you when activity is detected in your specific zone.

Two-Way Audio
Enables communication through a built-in microphone and speaker.

Multiple Installation Options
Use the mounting screws, template and loops to install on any wall, ceiling or pole.

Physical Privacy Mode
Maintains your privacy with the lens physically blocked by the housing.

†microSD card needs to be purchased separately.
**Tapo Care needs to be subscribed separately.
Specifications

Camera
- Image Sensor: 1/2.8" CMOS
- Lens: F/NO: 2.0±5%; Focal Length: 3.9mm±5%
- Resolution: 2K (2304×1296 px)
- Field of View: 360° Horizontal
- Night Vision: 850 nm IR LED up to 98 ft, Color Night Vision with Spotlights

Audio
- Audio Communication: 2-way audio
- Audio Input & Output: Built-in microphone and speaker

Video
- Video Compression: H.264
- Frame Rate: 15fps
- Video Streaming: 2K

Activity Notifications
- Input Trigger:
  - Motion detection, Person detection.
- Output Notification: Notification, Snapshot(Tapo care), Clips(Tapo care).

Network
- Wireless Protocols: IEEE 802.11b/g/n, 2.4 GHz
- Frequency: 2.4 GHz
- Wireless Security: WPA/WPA2-PSK
- Security: 128 bit AES encryption with SSL/TLS
- Protocol: TCP/IP, ICMP, DNS, HTTPS, TCP, UDP
Specifications

Hardware

- Button: RESET button
- Indicator LED: System LED
- Adapter Input: 100-240V, 50/60Hz
- Adapter Output: 12.0V/1.0A
- External Storage: microSD card slot (Supports up to 512 GB)
- Dimensions (W x D x H): 4.9 x 4.8 x 3.5 in. (123.8 x 123 x 90 mm)

Others

- Certification: CE, FCC, RoHS, RCM
- Package Contents:
  Tapo C510W Camera
  DC Power Adapter
  Mounting Anchors
  Mounting Screws
  Bracket Screws
  Mounting Template
  Waterproof Seal
  Mounting Bracket
  Quick Start Guide
- Operating Temperature: -30 °C ~ 60 °C (-22°F ~ 140°F)
- Storage Temperature: -40 °C ~ 60 °C (-40°F ~ 140°F)
- Operating Humidity: 10% ~ 90%RH, Non-condensing
- Storage Humidity: 5% ~ 90%RH, Non-condensing