

# Outdoor Pan/Tilt 4G LTE Camera

Tapo C501GW

4G LTE



## Free Person/Pet/Vehicle Detection

360° Motion  
Tracking

Color Night  
Vision

1080P  
Full HD

DC/PoE Power  
Supply



## // Highlights

### Advanced AI Detection for All Scenarios

Smart AI identifies people, pets, and vehicles and detects tampering and line crossing. It sends alerts only when necessary, ensuring you receive precise notifications about events as they occur.



## // Features



### Color Night Vision

Enhances your nighttime security by revealing vivid colors with built-in spotlights.



### DC/PoE Power Supply

Power your camera with a DC adapter or Ethernet cable featuring PoE technology for safe power and stable internet.



### Patrol Mode

Assign points for the camera to patrol for dynamic monitoring.



### Flexible Antenna Placement

Adjust the angle of the detachable antenna for a better internet connection.



### Local and Cloud Storage

Save recorded video on a microSD card (up to 512 GB)<sup>†</sup> without monthly fees or by using Tapo Care<sup>‡</sup> cloud storage services.



### Smart Playback

Swiftly find and download moments of interest by choosing the event type or sliding the timeline.

<sup>†</sup>microSD card purchased separately. Actual storage capacity depends on the size of the microSD card used.

<sup>‡</sup>Subscribe for cloud storage at <https://www.tapo.com/tapocare/>

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

<sup>^</sup>Loops (purchased separately) are needed for pole mounting.

For more information, please visit <https://www.tapo.com/>

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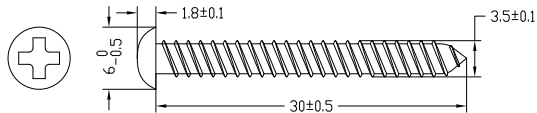
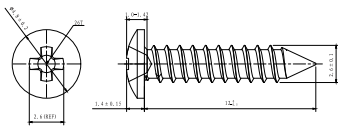
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## // Specifications

|               |                    |  |
|---------------|--------------------|--|
| Camera        | Image Sensor       | 1/3" CMOS Sensor   |
|               | Lens               | Focal Length: 3.16 mm±5%<br>Aperture: F1.6±10%<br>Field of View: 116.7° (Diagonal), 99.7° (Horizontal), 53.8° (Vertical) |
|               | Night Vision       | 850 nm IR LED (98 ft / 29.8 m), Color Night Vision   |
|               | Day/Night Switch   | IR-Mode/ Full-Color Mode/ Smart Mode   |
|               | Lighting           | /  |
|               | Interface & Button | 1× DC Port<br>1× Ethernet Port<br>1× RESET Button<br>1× microSD Card Slot (Up to 512 GB)<br>1× Nano SIM Card Slot        |
|               | Hub Compatibility  | /  |
| Video & Audio | Maximum Resolution | 1920 x 1080 px   |
|               | Frame Rate         | 30 fps   |
|               | Digital Zoom       | None   |
|               | Video Compression  | H.264  |

|               |                      |   |
|---------------|----------------------|---|
| Video & Audio | Live View            | Yes   |
|               | Image Enhancement    | 3D DNR<br>BLC<br>Linear-WDR   |
|               | Audio Input & Output | Built-in Microphone and Speaker   |
|               | Audio Communication  | Two-Way Audio with Noise Cancellation   |
|               | Siren Volume         | 95 dB (Level measured at 4-inch/10-cm distance)   |
| Storage       | Local Storage        | microSD Card Slot on Camera (Up to 512 GB)  |
|               | Cloud Storage        | Tapo Care Cloud Storage Services (Subscription required)  |
|               | AI Detection         | Motion Detection<br>Person Detection<br>Pet Detection<br>Vehicle Detection<br>Line-Crossing Detection<br>Camera Tampering<br>Cat Meows Detection<br>Dog Barks Detection<br>Glass Breaking Detection |
|               | Activity Zones       | Yes<br>*Only works with Motion/Person/Pet/Vehicle Detection.  |
|               | Output Notification  | System Notification<br>System Notification with Snapshot (Tapo Care Services)   |

|          |   |  |
|----------|---|--|
| Network  | Network Connectivity                          | Connect via 4G or Ethernet                         |
|          | 4G Connectivity                               | LTE-FDD:B1/3/5/7/8/20/28<br>LTE-TDD:B38/40/41      |
|          | Transmission Rate                             | /  |
|          | Protocol                                      | TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP      |
|          | Max. Distance Between Hub and Camera/Doorbell | /  |
|          | Ethernet Port                                 | 1× 100 Mbps RJ45 Port                              |
|          | RTSP  | Yes  |
|          | ONVIF   | Yes (Only Available with Wired Network Connection) |
| Security | Security                                      | /  |
| Power    | Power Source                                  | 12V DC Power Adapter<br>IEEE 802.3af/at PoE        |
|          | Input Voltage                                 | 100-240 V, 50/60 Hz                                |
|          | Output Voltage                                | 12 V, 1 A (DC Power)                               |
|          | DC Power Connector Size                       | Inside Ø: 2.1 mm<br>Outside Ø: 5.5 mm              |
|          | Power Cord Length                             | 3 m  |
|          | Typical Power Consumption                     | 3.3 W  |

|         |                           |  |
|---------|---------------------------|--|
| Power   | Maximum Power Consumption | 9.02 W   |
| General | Certifications            | CE, NTRA, RCM, NCC, BSMI, RoHS   |
|         | Smart Integration         | Google Assistant, Amazon Alexa   |
|         | Weather Resistance        | IP66   |
|         | Mounting Options          | Eave-Mounted<br>Wall-Mounted<br>Pole-Mounted (Pole-Mounting loops required but not included) |
|         | 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          | 0 ~ 90% RH, Non-condensing   |
|         | Charging Temperature      | /  |
|         | Mounting Screw Size       |          |
|         | Bracket Screw Size        |          |
|         | Dimensions                | 5.51 × 4.17 × 9.21 in (140 × 106 × 234 mm)   |
|         | Weight                    | 15.2 oz / 430 g  |

|                |                         |  |
|----------------|-------------------------|--|
| <p>General</p> | <p>Package Contents</p> | <p>                     Tapo C501GW Camera ×1<br/>                     DC Power Adapter ×1<br/>                     Mounting Templates ×2<br/>                     Mounting Bracket ×1<br/>                     Mounting Anchors ×4<br/>                     Mounting Screws ×4<br/>                     Bracket Screws ×2<br/>                     Detachable Antenna ×1<br/>                     Waterproof Seal ×1<br/>                     Waterproof Cable Attachments ×1<br/>                     Quick Start Guide                 </p> |
|----------------|-------------------------|--|