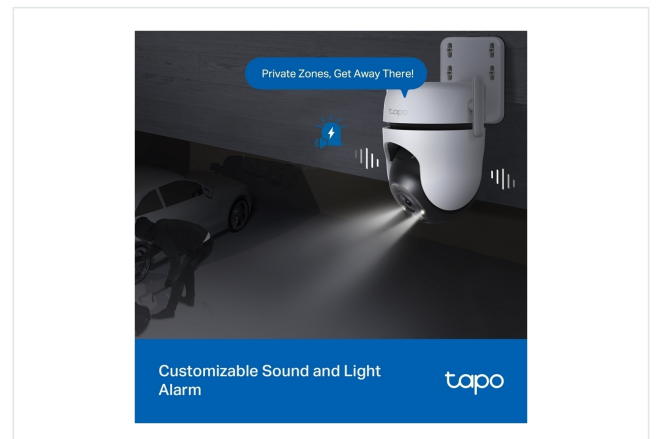


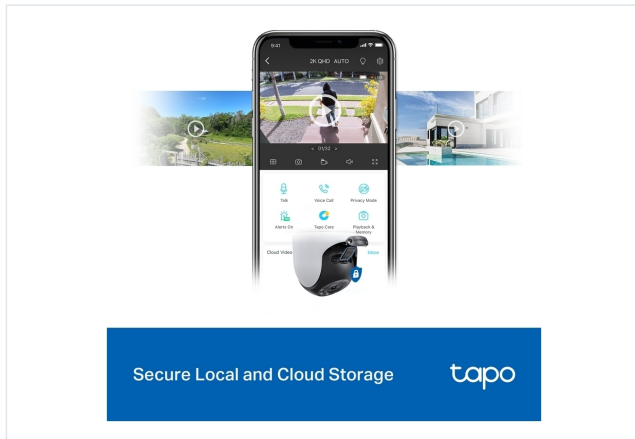
## NET-TL-TAPO-C520WS

TP-Link Tapo C520WS Outdoor Pan / Tilt Security WiFi camera

### Product Overview

TP-Link Tapo C520WS Outdoor Pan / Tilt Security WiFi camera, 3.18mm focal length, 850 nm IR LED up to 30m, 2x Built-In spotlights, Starlight Colour Night Vision, 1x Ethernet Port, 1x MicroSD card slot (Up to 512GB), IP66 weatherproof rating, 360 degrees horizontal and 130 degrees Vertical view range, 2K QHD 4MP (2560x1440 PX) Resolution, 2.4GHz WiFi, Motion Detection, Person Detection, Pet Detection, Vehicle Detection, Built-In Microphone and Speaker, Up to 25/30fps Frame rate, H.264 Video Compression





## Specifications

### Overview summary:

The TP-Link Tapo C520WS is a smart and versatile outdoor WiFi security camera offering crisp 2K QHD resolution and full-color night vision. Equipped with a 3.18mm lens, 2x built-in spotlights, and starlight sensor, it delivers bright and vivid imaging even in low-light conditions. With 360degrees horizontal and 130degrees vertical coverage, it ensures maximum area visibility without blind spots.

Advanced AI detection capabilities identify motion, people, pets, and vehicles, sending smart alerts to your device. The weatherproof IP66-rated housing and dual connectivity via Ethernet or 2.4GHz WiFi make it ideal for secure outdoor surveillance. It supports local storage up to 512GB or cloud storage with Tapo Care for continuous protection.

**Camera tier:**High-end

**Uses:**Outdoor surveillance, smart motion alerts, perimeter monitoring, residential and small business security

### Overview:

#### Tapo C520WS

Outdoor Pan/Tilt Security Wi-Fi Camera

- 2K QHD Live View-Adopting a 2560 x 1440 resolution,TapoC520WS provides1.7x more pixels and delivers sharper imagesthan 1080p.
- Starlight Color Night Vision- Adopting an F1.6 large-aperture lens and starlight sensor,Tapo C520WS captures more light and has higher photosensitivity, thus rendering brighter colors under lower light conditions than full-color night vision cameras with an F2.2 lens and ordinary sensor.
- 360degrees Visual Coverage-Provides 360degrees horizontal & 130degrees vertical viewing range, enabling you to focus on more vital areas and eliminate blind spots.
- Free Person/Pet/Vehicle Detection-Smart AI identifies people, pets, and vehicles, notifying users as needed.
- Customizable Sound and Light Alarm-Record your own audio as an alarm to extend your usages. The ultra-bright and adjustable light is also supported to frighten unwanted visitors away.
- Secure Local & Cloud Storage-Save recorded videos to a microSD card† or by using Tapo Care cloud services.
- IP66 Weatherproof-Offers excellent waterproof and dustproof performance for outdoor scenarios.
- Wired/Wireless Networking- Connect your camera to the network throughWiFior Ethernet for more flexible installation.
- EAN-13:4895252501599 / UPC:840030706042

### Features:

#### Brighter than Full-Color

TapoC520WS renders brighter images than other full-color night vision cameras with spotlights on due to its starlight sensor.

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Product Specification Sheet

2K QHD Crystal Clear View

Now with 1.7 times more pixels than 1080p, providing clearer videos and more crisp photos.

Multiple AI Detection, All for Free!

Smart AI identifies people, pets, and vehicles, notifying users as needed. All are provided for free.

Customize Your Detection

Adjust the sensitivity of motion detection and set up activity zones/boundaries for your convenience. You can also turn on the patrol mode to keep the camera cruising between two customized points.

- Motion Detection
- Activity Zones
- Line CrossingDetection
- Patrol Mode

Reliable Networking, Flexible Connection

Dual powerful external antennas provides larger wireless coverage(up to 492 ft in open areas\* ) and more stable connection. You can also connect you're your camera to the network through the RJ45 Ethernet port.

Customizable Sound and Light Alarm

Record your own audio as an alarm to extend your usages. The ultra-bright and adjustable light is also supported to frighten unwanted visitors away.

Secure Local & Cloud Storage

Save recorded videos to a microSD card (up to 512 GB) or by using Tapo Care\*\* cloud services.

Specifications:

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
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| Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                             |
| Product Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NET-TL-TAPO-C520WS                                          |
| CAMERA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                             |
| Image Sensor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1/3" CMOS                                                   |
| Lens                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | F/NO: 1.61+/-10%, Focal Length: 3.18mm+/-5%                 |
| Motion Range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Pan Mechanical Range: 340degrees (360degrees Pan Coverage)  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tilt Mechanical Range: 60degrees (130degrees Tilt Coverage) |
| Night Vision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 850 nm IR LED (up to 98 ft), Starlight Color Night Vision   |
| Lighting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2 x Built-in Spotlights                                     |
| Interface & Button                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 x Ethernet Port                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 x RESET Button                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 x MicroSD Card Slot (Up to 512GB)                         |
| Weatherproof Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IP66                                                        |
| View Range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 360degrees horizontal and 130degrees vertical               |
| Resolution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2K QHD 4MP (2560 x 1440 px)                                 |

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### Product Specification Sheet

|                                       |                                                                                               |
|---------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>VIDEO &amp; AUDIO</b>              |                                                                                               |
| <b>Maximum Resolution</b>             | 2K QHD 4MP (2560 x 1440 px)                                                                   |
| <b>NETWORK</b>                        |                                                                                               |
| <b>Protocol</b>                       | TCP/IP, ICMP, DNS, HTTPS, TCP, UDP                                                            |
| <b>Wireless Security</b>              | WPA/WPA2-PSK                                                                                  |
| <b>Standards and Protocols</b>        | IEEE 802.11b/g/n                                                                              |
| <b>Security</b>                       | 128 bit AES encryption with SSL/TLS                                                           |
| <b>Frequency</b>                      | 2.4GHz                                                                                        |
| <b>ACTIVITY NOTIFICATIONS</b>         |                                                                                               |
| <b>Input Trigger</b>                  | Motion detection, Person detection, Pet detection, Vehicle detection, Line-Crossing detection |
| <b>Output Notification</b>            | Snapshot(Tapo care), Clips(Tapo care)                                                         |
| <b>ENVIRONMENT</b>                    |                                                                                               |
| <b>Operating Temperature</b>          | -30 degreesC ~ 60 degreesC (-22 degreesF ~ 140 degreesF)                                      |
| <b>Storage Temperature</b>            | -40 degreesC ~ 60 degreesC (-40 degreesF ~ 140 degreesF)                                      |
| <b>Operating Humidity</b>             | 10%~90%RH, Non-condensing                                                                     |
| <b>Storage Humidity</b>               | 0~90%RH, Non-condensing                                                                       |
| <b>HARDWARE</b>                       |                                                                                               |
| <b>Button</b>                         | RESET Button                                                                                  |
| <b>Indicator LED</b>                  | System LED                                                                                    |
| <b>Adapter Input</b>                  | 100-240V, 50/60Hz                                                                             |
| <b>Adapter Output</b>                 | 9V, 0.85A (DC Power)                                                                          |
| <b>Product Dimensions (W x D x H)</b> | 4.9 x 4.8 x 3.5 in. (123.8 x 123 x 90 mm)                                                     |
| <b>AUDIO</b>                          |                                                                                               |
| <b>Audio Communication</b>            | Two-Way                                                                                       |
| <b>Audio Input &amp; Output</b>       | Built-in Microphone and Speaker                                                               |
| <b>VIDEO</b>                          |                                                                                               |
| <b>Frame Rate</b>                     | Up to 25/30fps                                                                                |
| <b>Video Streaming</b>                | 2K QHD                                                                                        |
| <b>Video Compression</b>              | H.264                                                                                         |
| <b>OTHERS</b>                         |                                                                                               |
| <b>Certification</b>                  | CE, FCC, RoHS, RCM                                                                            |

|                  |                              |
|------------------|------------------------------|
| Package Contents | Tapo C520WS Camera           |
|                  | Power Adapter (3.0m)         |
|                  | Mounting Anchors             |
|                  | Mounting Screws              |
|                  | Bracket Screws               |
|                  | Mounting Template            |
|                  | Mounting Bracket             |
|                  | Waterproof Seal              |
|                  | Waterproof Cable Attachments |
|                  | Quick Start Guide            |

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:  
**Product page:** <https://www.comx.co.za/NET-TL-TAPO-C520WS-TP-Link-Tapo-C520WS-Outdoor-Pan-Buy-p-300367.php>

*Images and specifications are provided for reference and are subject to change without notice. E&OE.*

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