**ComX Computers**
Product Specification Sheet

# TP-TAPO-C100

TP-link Tapo C100 home security 1080p WiFi camera

## Product Overview

TP-link Tapo C100 home security 1080p WiFi camera, 2.4 GHz Frequency, Motion detection, H.264 Video Compression, 1/3.2" image sensor, Night Vision, Two-way audio audio communication













## Specifications

### About this product

The TP-Link Tapo C100 is a compact 1080p home security WiFi camera that delivers clear video recording, advanced night vision, motion detection alerts, and two-way audio communication, offering reliable indoor monitoring with secure local storage and easy app-based control.

### Overview Summary

**TP-Link Tapo C100 Home Security WiFi Camera**

The TP-Link Tapo C100 is designed to provide reliable indoor security with sharp 1080p video, enhanced night vision up to 30 ft, and responsive motion detection. It supports secure local storage of up to 128 GB on a microSD card using efficient H.264 compression for extended recording time. With its built-in microphone and speaker, the camera enables clear two-way audio for remote communication.

Setup and control are managed through the Tapo app, giving you live view access, motion playback, scheduling options, and multi-camera support. Features such as privacy mode, sound and light alarms, and customizable activity zones ensure flexible and dependable home monitoring.

**Performance tier:**Entry-level home security

**Uses:**Home monitoring, pet monitoring, baby monitoring, small office security, remote check-in

### CCTV specifications

- Camera Type & Form Factor:Digital IP camera, indoor compact form factor, fixed lens
- Fixed or Varifocal lens:Fixed
- Motorised zoom / PTZ:No
- Image Quality & Optics:Resolution 1080p Full HD, Image sensor 1/3.2 inch, Lens 3.3 mm fixed, Aperture F2.0, Field of view - standard indoor coverage
- Resolution:1080p
- Sensor type: CMOS, 1/3.2"
- Lens: Fixed 3.3 mm
- Aperture (f-number):F2.0
- Field of view (degrees):-
- WDR: -
- Low-light performance: 850 nm IR LED, up to 30 ft night vision
- Night Vision:Up to 30 ft IR range
- IR type:Standard IR LEDs
- Full-colour night mode: No
- Infrared wavelength: 850 nm
- Power & Connectivity: WiFi 2.4 GHz, 802.11 b/g/n, WPA/WPA2-PSK security, Adapter input 9.0 V 0.6 A
- PoE: No
- Voltage input:Adapter 100-240V AC to 9.0 V / 0.6 A
- Network interface:WiFi 2.4 GHz
- WiFi support:2.4 GHz only
- Onboard storage: microSD slot up to 128 GB
- Recording & Smart Functions: Video compression H.264, Motion detection, Push notification
- AI features: Motion detection, customizable motion zones

- Audio features:Two-way audio, built-in microphone and speaker
- Environmental Ratings:Indoor use, Operating temperature 0-40 C
- IP rating: Not specified for outdoor use
- Physical Construction:Material - plastic composite, Mounting options - wall or ceiling with included template and screws
- Dimensions (mm): 67.6 x 54.8 x 98.9 mm
- Weight:-
- Integration & Compatibility:Works with Tapo app on iOS 9+ and Android 4.4+
- ONVIF / RTSP: Not specified
- Additional Features: Privacy mode, scheduling, sound and light alarm, multi-camera view support

## Description

The TP-Link Tapo C100 is a smart indoor security camera built to deliver clear full HD monitoring with essential features for home and small office environments. Its 1080p sensor captures detailed video while the built-in 850 nm IR illumination ensures dependable night vision up to 30 ft. The camera uses efficient H.264 encoding to store more video on a microSD card, supporting up to 128 GB for long-term local recording.

With motion detection, sound and light alarms, and instant push notifications, the Tapo C100 keeps you updated on important activity. Two-way audio enables real-time communication, making it useful for checking on family members, pets, or visitors. Privacy mode and secure local storage offer enhanced control over monitoring, while the Tapo app provides an intuitive interface for live view, playback, scheduling, and multi-camera management.

## Overview:

**Tapo C100 - Home Security Wi-Fi Camera**

- High Definition Video - Records every image in crystal-clear 1080p definition
- Advanced Night Vision - Provides a visual distance of up to 30 ft
- Motion Detection and Notifications - Notifies you when the camera detects movement
- Sound and Light Alarm - Trigger light and sound effects to frighten away unwanted visitors
- Two-Way Audio - Enables communication through a built-in microphone and speaker
- Safe Storage - Locally stores up to 128 GB on a microSD card, equal to 384 hours (16 days) of footage (based on laboratory conditions)
- Easy Setup and Management - Manage everything with Tapo app

## Features:

**Motion Detection**
Receive a notification whenever your camera detects motion and see a video clip of the motion for closer inspection.
Also, you can personalize your own experiences by setting the motion detection zones
to only capture what happens in the area that you choose.

**Night Vision**
Dont wake up your little ones when you crack open their doors to check on them. Watch over them from your phone with 30 ft of night vision. Youll have peace of mind, and theyll have a good nights sleep.

**High-Definition Video**
1080p definition video provides more clarity and sharpness in pictures
due to a higher number of pixels.
This helps with identification and recognition from far away.

**Two-Way Audio**
Communicate with a loved one through the built-in microphone and speaker.

**Protect Your Privacy**
Your privacy is ensured with privacy mode and a local storage card.

- Privacy ModeShut down surveillance to protect your privacy whenever you want.
- Local StorageA microSD card stores up to 128 GB, equal to 384 hours (16 days) of footage. (based on laboratory conditions)

**Alarm System**
Not only will the camera send notifications to you when motion is detected, itll also trigger lights and sounds as an alarm.

**Share Memorable Moments**
Save the most unforgettable moments and share them with your loved ones. Tapo cameras are always there to help you record every memorable moment.

**A Tap Leads to What Matters Most**
The free Tapo app puts everything you need at your fingertips.

- Check the video box to play back previous records Choose a specific camera and locate what you want according to date.
- Set a schedule to check periodic video The camera would automatically record videos based on your schedule, no matter whether it detects motion or not.
- Check multiple views at the same time See more you want from different devices, as it contains 4 views in one page and supports up to 32 cameras in one app. Tap one for a more detailed view.

## What's in the Box

- Tapo C100 Camera
- DC Power Adapter
- Quick Start Guide
- Mounting Screws
- Mounting Template

## FAQ

### Does the Tapo C100 require a cloud subscription?

No, the Tapo C100 stores video locally on a microSD card up to 128 GB, and the Tapo app provides full access without a subscription.

### Can the Tapo C100 work without WiFi?

The camera requires a WiFi connection for setup, live viewing, notifications, and remote access.

### Does it support two way audio?

Yes, it includes a built-in microphone and speaker for clear two-way communication.

### Is night vision automatic?

Yes, the camera automatically switches to infrared mode in low light conditions.

### Can I monitor multiple Tapo cameras in one app?

Yes, the Tapo app supports up to 32 cameras and offers multi-view monitoring.

## Specifications:

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| Specifications | |
|---|---|
| **Product Code** | TP-TAPO-C100 |
| **NETWORK** | |
| **Security** | 128 Bit AES Encryption with SSL/TLS |
| **Wireless Rate** | 11 Mbps (802.11 b) |
| | 54 Mbps (802.11 g) |
| | 150 Mbps (802.11 n) |
| **Frequency** | 2.4 GHz |
| **Wireless Security** | WPA, WPA2-PSK |
| **ACTIVITY NOTIFICATIONS** | |
| **Input Trigger** | Motion Detection |
| **Output Notification** | Push Notification |
| **VIDEO** | |
| **Video Compression** | H.264 |
| **Video Streaming** | 1080p |
| **SYSTEM** | |
| **Regulatory Certification** | FCC, IC, CE, NCC |
| **System Requirements** | iOS 9+, Android 4.4+ |
| **ENVIRONMENT** | |
| **Operating Temperature** | 0-40 degreesC (32-104 degreesF) |
| **Storage Temperature** | -40-70 degreesC (-40-158 degreesF) |
| **Operating Humidity** | 10-90% RH Non-Condensing |
| **Storage Humidity** | 5-90% RH Non-Condensing |
| **PACKAGE CONTENTS** | |
| **Package Contents** | Tapo C100 Camera |
| | DC Power Adapter |
| | Quick Start Guide |
| | Mounting Screws |
| | Mounting Template |
| **HARDWARE** | |
| **Button** | Reset Button |
| **Indicator LED** | System LED |
| **Adapter Input** | 100-240V, AC, 50/60 Hz, 0.3 A |
| **Adapter Output** | 9.0 V / 0.6 A |

| | |
|---|---|
| **Dimensions (W x D x H)** | 2.7 x 2.1 x 3.9 in (67.6 x 54.8 x 98.9 mm) |
| **CAMERA** | |
| **Image Sensor** | 1/3.2" |
| **Resolution** | 1080p Full HD |
| **Lens** | F/NO: 2.0, Focal Length: 3.3 mm |
| **Night Vision** | 850 nm IR LED (up to 30 ft) |
| **AUDIO** | |
| **Audio Communication** | Two-Way Audio |
| **Audio Input & Output** | Microphone and Speaker |

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:**
**https://www.comx-computers.co.za/TP-TAPO-C100-TP-link-Tapo-C100-home-security-1080p-WiFi-camera-p-244364.php**

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