2K
QHD

Outdoor Security Wi-Fi Camera

Tapo C320WS

✨ **Starlight Color Night Vision**

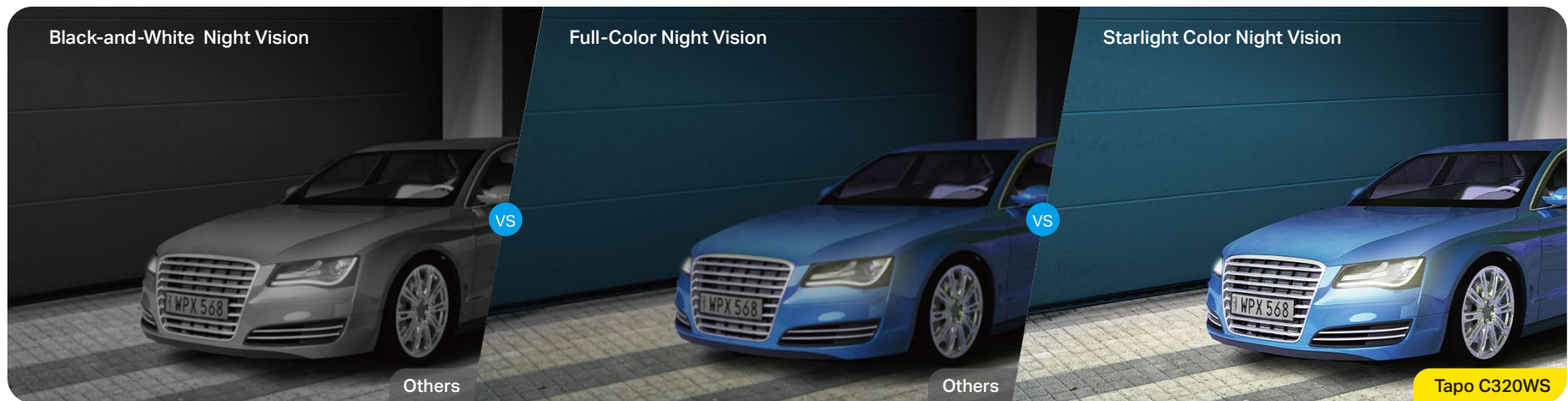| Person/Vehicle Detection | Local microSD Storage (Up to 512 GB)† | IP66 Weatherproof |

works with alexa

works with Google Home

// Highlights

Starlight Color Night Vision Protects You Day and Night.

Equipped with an F1.6 large-aperture lens and starlight sensor, Tapo C320WS enhances your security by revealing highly-detailed and bright-color images even under low-light conditions.

Black-and-White Night Vision

Full-Color Night Vision

Starlight Color Night Vision

VS

VS

Others

Others

Tapo C320WS

// Features

2K QHD Live View$^{\triangle}$
Now with 1.7 × more pixels than 1080p, providing clearer videos and more crisp photos.

IP66 Weatherproof
Helps Tapo C320WS perform well even in harsh environments with rain and dust.

Dual Powerful Antennas
Provides wider Wi-Fi coverage and more stable wireless connection with dual external antennas.

Person/Vehicle Detection
Smart AI identifies people and vehicles, notifying users as needed.

Activity Zones
Set up activity zones to only receive alerts that matter.

Sound and Light Alarm
Triggers sound and light effects to frighten away unwanted visitors.

Local† & Cloud‡ Storage
Save recorded videos to a microSD card (up to 512GB)† or by using Tapo Care‡ cloud storage services.

Wired/Wireless Networking
Connect the camera to your network through Ethernet or Wi-Fi for more flexible installation.

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

†microSD card needs to be purchased separately.
$^{\triangle}$Compatible with Alexa and Google Assistant supported displays. User experience is dependent on the connected device's specifications.
‡Subscribe for cloud storage at https://www.tapo.com/tapocare/

// Specifications

Camera

· Image Sensor: 1/3"

· Resolution: 2K QHD 4MP (2560 × 1440 px)

· Night Vision: 850 nm IR LED (up to 98 ft), Starlight Color Night Vision

· Lens: F/NO: 1.61±10%; Focal Length: 3.18mm±5%

Audio

· Audio Communication: 2-way audio

· Audio Input & Output: Built-in microphone and speaker

Video

· Video Compression: H.264

· Frame Rate: 15fps

· Video Streaming: 2560 × 1440 px

Activity Notifications

· Input Trigger: Motion Detection, Person Detection, Vehicle Detection, Linecrossing Detection, Intrusion Detection, Tamper Detection

· Output Notification: Push Notification, Snapshot (Tapo Care), Clips (Tapo Care)

Network

· Wireless Protocols: IEEE 802.11b/g/n, 2.4 GHz, 2T2R

· Frequency: 2.4 GHz

· Wireless Security: WEP, WPA/WPA2-PSK

· Security: 128 bit AES encryption with SSL/TLS

· Protocol: TCP/IP, DHCP, ARP, ICMP ,DNS, NTP, HTTP, HTTPS, UDP, ONVIF, RTSP
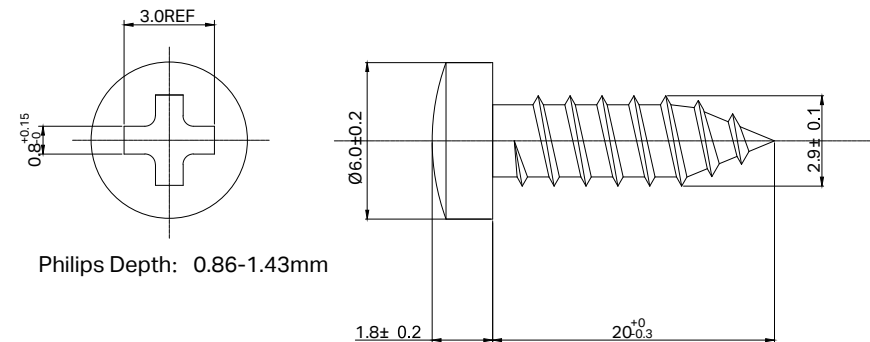
∥ Specifications

Hardware

· Port: Ethernet through RJ45 Port

· Button: RESET button

· LED: System LED

· Adapter Input: 100-240 V, 50/60 Hz, 0.3 A

· Adapter Output: 9.0 V, 0.6 A (DC Power)

· Typical Power Consumption: 5 W

· Maximum Power Consumption: 5.4 W

· External Storage: microSD card slot (Supports up to 512GB)

· Dimensions (W x D x H): 5.6*4.1*2.5 in. (142.3*103.4*64.3 mm)

· Weatherproof Rating: IP66

· Power Cord Length: 3 m

Others

· Certification: CE, RCM, RoHS, NCC, BSMI

· Package Contents:

Tapo C320WS Camera × 1

Power Adapter × 1

Waterproof Seal × 1

Mounting Anchors × 3

Mounting Screws × 3

Mounting Template × 1

Waterproof Cable Attachments × 1

Quick Start Guide
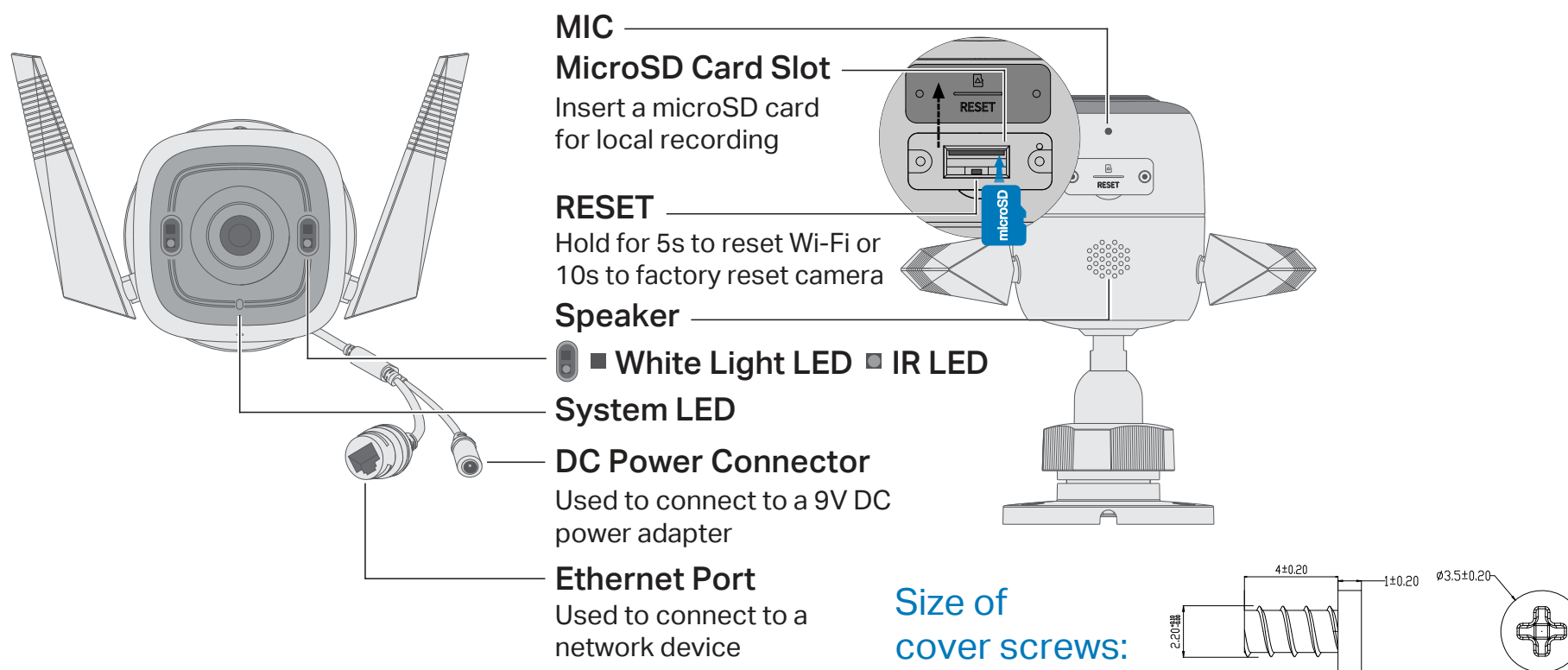

Philips Depth: 0.86-1.43mm

· Operating Temperature: -20 ºC ~ 45 ºC (-4°F ~ 113°F)

· Operating Humidity: 10%~90%RH, Non-condensing

// Appearance

Front Panel

Bottom Panel

MIC

MicroSD Card Slot

Insert a microSD card
for local recording

RESET

Hold for 5s to reset Wi-Fi or
10s to factory reset camera

Speaker

■ **White Light LED** ■ **IR LED**

System LED

DC Power Connector

Used to connect to a 9V DC
power adapter

Ethernet Port

Used to connect to a
network device

**Size of
cover screws:**

4±0.20 | 1±0.20 ⌀3.5±0.20

2.20±0.20