Datasheet



Pan/Tilt AI Home Security Wi-Fi Camera





Human Face Recognition

Human/Pet/Baby CryingMotion DetectionNight VisionVehicle DetectionDetectionand Trackingup to 40 ft











Highlight

Smart AI Detection and Notification

Accurately identifies faces, people, pets, and vehicles, reducing false alerts and unnecessary notifications.





Features



Human Face Recognition

Recognizes individuals by their faces, sending alerts only when an unfamiliar face is detected.



4K 8MP Crystal-Clear[∆]

Supports 18× digital zoom for superior clarity. See more. See clearer. Stay secure.



Local microSD Storage[†]

Store up to 512 GB of video on a microSD card.

Cloud Storage Supported[‡]

Store videos by using cloud storage services.

Two-Way Audio

Communicate in real time through a built-in microphone and speaker.



Motion Detection and Tracking

Whenever a camera detects motion, it will automatically follow the subject.



Night Vision up to 40 ft

Provides a visual distance of up to 40 ft in total darkness.



Customizable Block Zones

Set customizable block zones to keep private areas from being monitored.

Physical Privacy Mode

Maintains your privacy with the lens physically blocked by the housing.

[†]microSD card needs to be purchased separately. Actual storage capacity depends on the size of the microSD card used. [‡]Subscribe for cloud storage at https://www.tapo.com/tapocare/



Specifications

Camera

- · Image Sensor: 1/2.7"
- · Resolution: 4K 8MP (3840×2160 px)
- Night Vision: 850 nm IR LED (up to 30 ft)
- Typical Power Consumption: 3.15 W
- Maximum Power Consumption: 6.30 W

Hardware

- · Camera Button: Reset
- · Camera Indicator LED: System LED
- · Adapter Input: 100-240 V, 50/60 Hz
- · Adapter Output: 5.0 V, 2.0 A
- External Storage: microSD card slot (Supports up to 512 GB)

Audio

- · Audio Communication: two-way audio
- · Audio Input & Output: Built-in microphone and speaker
- Audio Compression: G.711

Video

- · Video Compression: H.264/H.265
- Frame Rate: 25 fps
- · Video Streaming: 4K 8MP



Specifications

Network

- · Wireless Protocols: IEEE 802.11a/b/g/n,
 - 2.4 GHz/5 GHz[§]; Bluetooth 5.0
- · Wireless Security: WPA/WPA2-PSK/WPA3
- Security: 128 bit AES encryption with SSL/TLS
- Protocol: TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP, ONVIF

Activity Notifications

- Input Trigger: Human Face Detection, Motion Detection, Person Detection, Pet Detection, Vehicle Detection, Baby-Crying Detection, Cat Meows Detection, Dog Barking Detection, Breaking Glass Detection, Line-crossing Detection, Tamper detection
- Output Notification: Notification, Snapshot(Tapo Care), Clips(Tapo Care).