



DataSheet

Camera

- **Image Sensor: 1/2.8" Progressive Scan Starlight CMOS Sensor**
 - **Lens:**
 - **Focal Length: 3.17 mm**
 - **Aperture: F1.65**
 - **Field of View: 125° (Diagonal), 111°(Horizontal), 56°(Vertical)**
 - **Night Vision: 850 nm IR LED (30 ft), Full-Color Night Vision**
 - **Lighting: 2 Spotlights**
 - **Interface & Button: 1× POWER Button, 1× RESET Button, 1× MicroSD Card Slot (up to 512 GB)**
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Solar Panel

- **Connection Capacity: One solar panel can only connect to one camera.**
 - **Output Port: USB Type-C**
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Video & Audio

- **Maximum Resolution: 2K 3MP (2304 × 1296 px)**
 - **Frame Rate: 15 fps**
 - **Video Compression: H.264**
 - **Live View: Yes**
 - **Image Enhancement: 3D DNR, WDR**
 - **Audio Input & Output: Built-in Microphone and Speaker**
 - **Audio Communication: Two-Way Audio with Noise Cancellation**
 - **Siren Volume: 94 dB (Measured at 10 cm distance)**
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Storage

- **Local Storage: MicroSD Card Slot on Camera (up to 512 GB)**

- **Cloud Storage: Tapo Care Cloud Storage Services (Subscription Required)**
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Detection and Notifications

- **Sensor: Single Motion Sensor (FOV: 110° horizontal), An Ambient Light Sensor**
 - **AI Detection: Motion Detection, Person Detection**
 - **Activity Zones: Yes**
 - **Output Notification: System Notification, System Notification with Snapshot (Tapo Care Services)**
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Network

- **Network Connectivity: Wi-Fi Connection**
 - **Wireless Connectivity: IEEE 802.11b/g/n, 2.4 GHz Wi-Fi**
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Security

- **Security: 128-bit AES Encryption with SSL/TLS, WPA/WPA2-PSK**
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Power

- **Power Source: Built-in Rechargeable Li-ion Battery, Solar Panel: Tapo A201**
 - **Input Voltage: Adapter Input: 100-240 V, 50/60 Hz**
 - **Output Voltage: Adapter Output: 5.0 V, 1.0 A**
 - **Max Solar Panel Charging Voltage: 5.2 V**
 - **Max Solar Panel Charging Power: 2.5 W**
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General

- **Smart Integration: Google Assistant, Amazon Alexa**
- **Weather Resistance: IP65**
- **System Requirements: Tapo App: iOS 11.0 or higher, Android 5.0 or higher**
- **Mounting Options: Tabletop, Ceiling Mount, Wall Mount**
- **Operating Temperature: -20°C~45°C (32°F ~104°F)**
- **Storage Temperature: -20°C~60°C**
- **Operating Humidity: 10%~90% RH, Non-condensing**
- **Storage Humidity: 5%~90% RH, Non-condensing**
- **Charging Temperature: 0-45°C**
- **Dimensions (W x D x H):**
 - **Camera Dimensions: D60mm × 89mm**
 - **Solar Panel Dimensions: 173.42 × 120.42 × 15.7 mm**
- **Package Contents:**
 - **Tapo C410 Camera ×1**
 - **Tapo A201 Solar Panel ×1**
 - **Tapo A201 Solar Panel Bracket ×1**
 - **USB Adapter Cable ×1**
 - **Base Cover ×1**
 - **Extension Cable ×1**
 - **Mounting Screws ×6**
 - **Mounting Anchors ×6**
 - **Sealing Gaskets ×2**
 - **Plugs ×2**
 - **Cable Ties ×1**
 - **Mounting Templates ×2**
 - **Quick Start Guide**
- **Certifications: CE, FCC, DOE, CEC, RCM, KC, NCC, BSMI, NTRA, IP65**