



DataSheet



CAMERA

- **Image Sensor:** 1/3" Starlight CMOS progressive scan
 - **Lens:** Focal length 2.1 mm – Aperture F2.1
 - **Field of View:** 150° (Diagonal), 134° (Horizontal), 77° (Vertical)
 - **Night Vision:** 850 nm IR LED (15 m) / Full-color night vision
 - **Lighting:** 4× Built-in spotlights
 - **Interface & Buttons:**
 - 1× RESET Button
 - 1× POWER Button
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VIDEO & AUDIO

- **Max Resolution:** 2K QHD 4MP (2560 × 1440 px)
- **Frame Rate:** 15/20/(25/30)fps
- **Digital Zoom:** 12×
- **Video Compression:** H.264
- **Live View:** Yes
- **Image Enhancement:** 3DNR, WDR
- **Audio I/O:** Built-in microphone and speaker

- **Communication: Two-way audio with noise cancellation**
 - **Siren: 94 dB (measured at 10 cm / 4 in)**
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STORAGE

- **Local Storage: MicroSD card slot up to 512 GB**
 - **Cloud Storage: Tapo Care service (subscription required)**
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DETECTION & NOTIFICATIONS

- **Sensors: Motion sensor (FOV 130° H), Ambient light sensor**
 - **AI Detection: Motion, Person, Pet, Vehicle**
 - **Activity Zones: Yes**
 - **Notifications:**
 - **System notification**
 - **Image notification (via Tapo Care)**
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NETWORK

- **Connectivity: Wi-Fi (IEEE 802.11 b/g/n, 2.4 GHz)**
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SECURITY

- **Encryption: AES 128-bit with SSL/TLS**
 - **Protocols: WPA/WPA2-PSK**
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POWER

- **Power Source: Built-in rechargeable 10,000 mAh lithium-ion battery**
 - **Optional Solar Panel: Tapo A200 (sold separately)**
 - **Adapter Input Voltage: 100-240 V, 50/60 Hz**
 - **Adapter Output Voltage: 5.0 V, 2.0 A**
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GENERAL

- **Smart Integration: Google Assistant, Amazon Alexa**
- **Weather Resistance: IP66**
- **App Support: Tapo App (iOS 11.0 or later / Android 5.0 or later)**
- **Mounting Options: Desktop, Ceiling, Wall**
- **Operating Temperature: -20°C ~ 45°C**
- **Storage Temperature: -20°C ~ 45°C**

- **Operating Humidity: 10% ~ 90% RH (non-condensing)**
 - **Storage Humidity: 5% ~ 90% RH (non-condensing)**
 - **Charging Temperature: 0°C ~ 45°C**
 - **Camera Dimensions: 116.2 × 64.8 × 64.8 mm (4.57 × 2.55 × 2.55 in)**
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PACKAGE CONTENTS

- **Tapo C425 Camera**
 - **USB Adapter**
 - **USB Adapter Cable**
 - **Mounting Template**
 - **Magnetic Base**
 - **Mounting Screws & Anchors**
 - **Metal Plate**
 - **3M Adhesive**
 - **Quick Start Guide**
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CERTIFICATIONS

CE, FCC, RoHS, RCM