Smart HomeBase

Tapo H500

All-in-One Security Center

| Local Storage, expandable up to16TB | Advanced AI Empowers Your Devices | Accurate Facial Recognition | Connects up to 16 Cameras & 64 Smart Sensors |

matter

works with amazon alexa

works with Google Home

// Highlights

Encrypted Local Storage, Safe and Free

With 16GB§ of built-in storage, expandable up to16TB via an additional hard drive, you can store massive video clips locally. Save money by avoiding extra SD cards and monthly fees for your security cameras.

16 GB
eMMC Included

Expandable Up to
16 TB

Smart Live View and Playback

Watch live views and playback on your phone or pad, or monitor up to 4 channels in real-time on a large screen via the HDMI port.
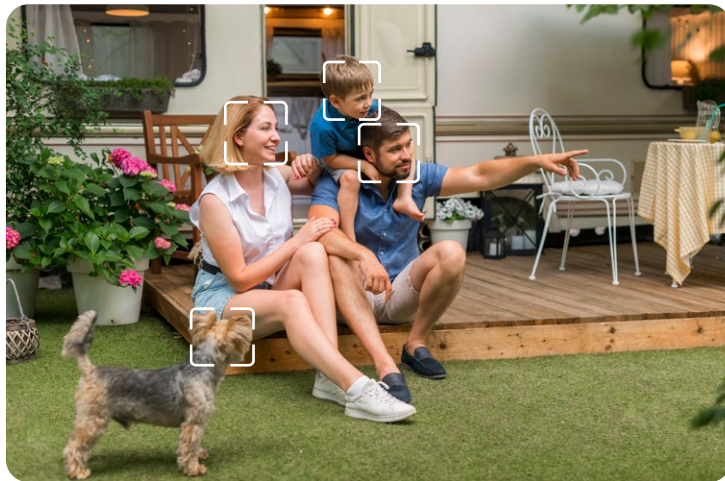

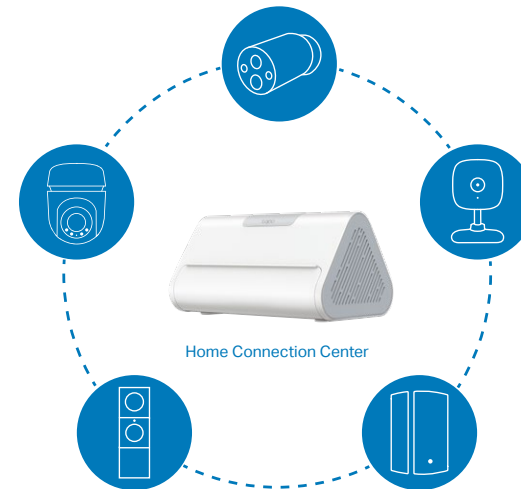§A portion of the 16GB eMMC storage will be used by the product system.

// Highlights

Enhanced Smart AI Detection

Provides multiple free enhanced AI functions such as facial recognition, person & pet & vehicle detection, and more. Effectively filters invalid alerts from non-human and non-vehicle sources.

Smart Home Ecosystem Center

Capable of connecting and managing up to 64 smart sensors and16 cameras, supporting Tapo and Matter-certified devices.

Home Connection Center

Features

Multi-layer Encryption

Use multi-layer encryption technology like AES 128-bit and TLS 1.2 encryption protocols, and store videos locally to keep your privacy safe.

Matter Controller* & Bridge

Integrate and control more Matter-certified products into the Tapo ecosystem for seamless collaboration.

Integrate connected devices to other Matter-compatible ecosystems for unified control.

*The Matter Controller feature of the Tapo H500 currently supports the Matter 1.1 protocol and will be continually upgraded in the future. Actual usage may vary based on updates and device compatibility.

Home Security at Ease

Real-time viewing, event playback, and daily summary viewing of all connected cameras on an app page. Quickly find the events you want by tag.

Real-time Alarm

The integrated 110dB siren can alert you if a stranger approaches or breaks into your home.

Facial Recognition

Identifies strangers, family, and friends, categorizing them to trigger alarms selectively, enhancing accuracy and minimizing false alarms.

AI Empowerment

Empower your compatible cameras and doorbells with enhanced AI capability like facial recognition, providing a higher level of security and elevated user experience.

Offline Recording

Enjoy secure offline storage for all recordings, ensuring your data remains intact even during network interruptions.

Doorbell Voice Call

Equipped with microphone and speaker, support doorbell voice calls.

USB Sharing

Streamline connectivity and enhance convenience by enabling users to access USB devices across a network.

// Specifications

- Device Quantity: Up to 16 cameras and 64 sensors

- Built-in Storage: 16GB eMMC

- Expandable Storage: 1-Bay, 2.5" SATA HDD/SSD, up to 16TB

- Ports: 1* USB 2.0 Port, 1* USB Type-C Port, 1* HDMI Port, 1* LAN Port, 1* Power Port

- Buttons: 1* Reset Button, 1* Answer/SYNC Button, 1* Decline/Mute Button, 1* Volume Up Button, 1* Volume Down Button

- LAN Port: 1* 10/100 Mbps

- USB Ports: 1* USB-A for data transfer, 1* USB-C for charging

- USB-C Output: 5V/1.5A

- USB-A Output: 5V/0.5A

- Siren: 110dB Alarm Siren

- Network: 2.4 GHz + 5 GHz Wi-Fi / Ethernet + Sub-1GHz

- Encryption Protocol Type: 128-bit AES Encryption with SSL/TLS

- Dimensions (L x W x H): 6.31 x 3.89 x 3.28 in. (160.20*98.82*83.21mm)

- Package Contents:

Tapo H500	Screws
RJ45 Ethernet Cable	DC Power Adapter
Quick Start Guide	

- Certifications: CE, RoHS, RCM,

- Operating Temperature: 0℃－40℃ (32°F–104°F)

- Storage Temperature: -20℃~60℃ (-4°F~140°F)

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

- Storage Humidity: 5%~90%RH, Non-condensing