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TYSH-250606




# EC421

## 4G Preferred, Seamless Backhaul

# EC421



EC421 (DSJ-TDTG5A1) is a next-generation intelligent 4G body worn camera with an octa-core processor, delivering powerful performance and long battery life. In-depth optimization of innovative technologies and production processes brings smooth command and dispatch experience.
The one-tap side-swipe recording function works with a customized optical lens to record ultra-HD videos at the first scene. It supports joint positioning and independent encryption. Wireless evidence archiving and multi-device collaboration is secure and reliable. It is applicable to fields such as public security, transportation, energy, and emergency response, meeting onsite video recording and image transmission requirements.




## Product Features

### One-Tap Side-Swipe Recording

- Swiping down to start video recording, reduce misoperations
- Blind operations supported, even when you wear gloves
- Recording status being visible through the button position
- Recording upon startup when the recording button is retained

### Dual-Mic Noise Canceling

- Two microphones on both sides for balanced sound pickup and intelligent noise reduction
- Large sound cavity for clear outdoor calls

### Video Super-resolution Reconstruction

- Super-resolution reconstruction is used to enhance 1080p video details, boosting the visual resolution and definition by about 30%
- Ultra-wide horizontal angle, supports up to 2K video resolution

### Incident Association

- Quick association with services such as incident reporting through the near field communication (NFC) or QR code scanning, facilitating audio and video file management.

### Long Battery Life

- Dual batteries for all-weather operations
- Uninterruptible power supply upon battery switchover

### Super Protection

- Dustproof, waterproof, and drop-proof
- IP68 protection
- Anti-drop design of 2 m, complies with MIL-STD-810G

## Product Specifications

| Item | Specification |
|---|---|
| Dimensions > | 96.8mm x 53mm×27.2mm(H x W x D) |
| Weight > | <200g (inluding back clip) |
| Screen > | 2.4-inch touchscreen |
| Horizontal angle > | >120° |
| Auxiliary light > | LED light, infrared light |
| Storage > | 64/128/256GB |
| Interface > | Type-C |
| SIM card > | Nano SIM |
| Battery capacity > | 3500mAh |
| Charging time > | ≤3 hours |
| Operation time > | ≥10 hours |
| Positioning > | Joint positioning of GNSS (including GPS, GLONASS, and BeiDou) |
| WLAN > | 2.4 GHz/5 GHz, IEEE802.11a/b/g/n/ac |
| Bluetooth > | Supported |
| NFC > | Supported |
| Frequency band > | FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B18/B19/B20/B26/B28/B66<br>TDD-LTE: B34/B38/B39/B40/B41/42<br>WCDMA: B1/B2/B5/B8 |