

## 5G Body Worn Camera Specification



### Specifications

|                              |   |   |                     |                               |
|------------------------------|---|---|---------------------|-------------------------------|
| Basic configuration          | Product Model   | KT-Z1   |                     |                               |
|                              | Sensor  | MTK-MT6877, 8-core processor, 6nm, 2.4GHz   |                     |                               |
|                              | Operating system  | Android™ 11.0   |                     |                               |
|                              | Lens  | Lens (mm)   | Front               | Rear                          |
|                              |   | Lens type   | GC5035 (5mp)        | OV4689 (4mp)                  |
|                              |   | Angle of View (H)   | 70°(Horizontal 50°) | 117°F/NO=2.2(Horizontal 107°) |
|                              | SD Card   | 4+64GB (EMCP) standard, 6+128GB(optional)   |                     |                               |
|                              | IR Light  | 2pcs OSRAM 850nm IR light (Face recognize feature within 3m) +1 pcs white light                           |                     |                               |
|                              | Display screen+   | 2.4 inch, 480*640, MIPI interface, capacitive touch screen  |                     |                               |
|                              | TF Memory Card  | Built in 64G(up to 256GB)   |                     |                               |
|                              | Speaker   | 8R/1.5W,25*16mm IP68 dustproof and waterproof   |                     |                               |
|                              | MIC   | Dual MEMS MIC   |                     |                               |
|                              | Ambient light sensor  | Support (Used to control the automatic opening and closing of IR lights)                                  |                     |                               |
|                              | Motion sensor   | Support (G-sensor)  |                     |                               |
|                              | Vibration motor   | Support   |                     |                               |
|                              | 5G wireless transferring (All Netcom)                                   | 2G: GSM B3/8<br>3G: WCDMA B1/8<br>4G: FDD-LTE B1/3/5/8<br>TDD-LTE B38/39/40/41<br>5G: N1/3/28/41/77/78/79 |                     |                               |
|                              | Antenna   | 6PCS (1T4R) +2 (Dual WIFI+GPS L1+L5 dual channel)   |                     |                               |
|                              | WIFI  | 802.11ac/a/b/g/n/ax, WIFI2.4, WIFI5.8, WIFI6  |                     |                               |
|                              | Bluetooth   | BT5.1   |                     |                               |
|                              | GPS   | GPS/Galileo/GLONASS/Beidou. Support GPS L1, L5 dual channel   |                     |                               |
| USB interface                | TYPE C USB3.0 interface   |   |                     |                               |
| Headphone                    | External Bluetooth intercom headset                                     |   |                     |                               |
| External extension interface | 9 pin contact interface   |   |                     |                               |
| Drop height                  | Meet the requirement of 2 meters, and any 4 surfaces accumulate 4 times |   |                     |                               |

|                   |   |   |   |  |
|-------------------|---|---|---|--|
| Housing structure | Housing Button                            | <ul style="list-style-type: none"> <li>- Power button (Powering on and off)</li> <li>- Video recording button (short press for video recording, long press for pre recording)</li> <li>- Recording button (short press recording and long press to manually turn on the infrared light)</li> <li>- Shutter button (short press to take a picture, long press to switch the recording resolution)</li> <li>- SOS button (in normal mode, briefly press one button to play back, briefly press the button to mark the recording, and long press SOS recording)</li> <li>- PTT button (long press intercom, release to answer)</li> <li>- Menu button (single press to return, long press to turn on the white light)</li> </ul> |   |  |
|                   | Button material                           | Silicon structure, Surface electroplating   |   |  |
|                   | Battery structure                         | Built-in replaceable battery  |   |  |
| Camera            | Shutter                                   | Electronic shutter  |   |  |
|                   | Continuous shooting                       | Support(App)  |   |  |
|                   | Shake Reduction                           | Support (EIS ——electronic anti shake)   |   |  |
|                   | Focus distance                            | 1m~ ∞   |   |  |
|                   | Digital zoom                              | Up to 16x   |   |  |
|                   | White balance                             | Auto  |   |  |
|                   | Photo size                                | up to 100M  |   |  |
| Video             | Video size                                | up to 4K*2K @30fps (3840*2160)  |   |  |
|                   | Pre/deferred recording                    | Prerecorded 1080P, max 30s<br>The deferred time can be set by the menu (APP)  |   |  |
|                   | Shooting in                               | Capture during the shooting process   |   |  |
|                   | Compressed format                         | H.264/H.265   |   |  |
|                   | Image format                              | MP4   |   |  |
| Fuctions          | Status indicator (red/green/blue)         | Standby   | Recording   | Charging   |
|                   |   | The status indicator is always on when standby, and it flashes red when recording   | When recording, the status indicator flashes yellow (both red and green are on) | The indicator is blue when power up and charging, and the indicator is red when power off and charging |
|                   | LED auxiliary lighting                    | White LEDs can be used for auxiliary lighting in dark situations  |   |  |
|                   | Playback video                            | When playing back video on your device, it supports dragging the progress bar on the touch screen   |   |  |
|                   | Highlights                                | Support   |   |  |
|                   | Watermark                                 | MM-DD-YY-HHM  |   |  |
|                   | Superimposed                              | Equipment serial number+police information+Location information+time  |   |  |
|                   | Voice                                     | Support(TTS voice broadcast)  |   |  |
|                   | Voice control                             | Support(Chinese)  |   |  |
|                   | Button response                           | <1s   |   |  |
|                   | Face recognition                          | After GPS is turned on, location information is superimposed on videos or photos  |   |  |
|                   | Motion detection                          | Support by APP  |   |  |
|                   | Voice cluster                             | Support group, end-to-end intercom  |   |  |
|                   | Video intercom                            | Support one-way and two-way video intercom  |   |  |
|                   | OSD language                              | Chinese/English   |   |  |
|                   | Software update                           | Online update(APP)  |   |  |
| External camera   | Supports up to 1080P USB protocol cameras |   |   |  |
| Battery           | Battery detail                            | 3300mAh/3.8V, -30 °C 1080P endurance ≥2 hours during low temperature environment  |   |  |
|                   | Built-in battery                          | 65mAh (10C) /3.7V   |   |  |
|                   | Charging method                           | Adapter/PC-USB, vehicle USB   |   |  |
|                   | Charging time                             | <3 hour   |   |  |
|                   | Recharging                                | ≥500times   |   |  |
|                   | Usage time                                | 9 hour (default)  |   |  |
|                   | Standby time                              | ≥100 hours  |   |  |
|                   | Power saving mode                         | Support, it defaults to 30S and enters the power saving mode when there is no operation   |   |  |
| Accessories       | Back clip                                 | Support   |   |  |
|                   | USB cable                                 | TYPE-C, USB3.0  |   |  |
|                   | Charger                                   | 5V/2A, 5V/3A PD9V/2.22A, PE+9V/2A   |   |  |
|                   | Color box                                 | Neutral   |   |  |
| General           | Weight                                    | 176.3g  |   |  |
|                   | Dimension                                 | ≤87mm*55mm*30mm   |   |  |
|                   | Ingress Protection                        | IP68  |   |  |
|                   | Operating Temperature                     | -30~55 °C   |   |  |
|                   | Operating Humidity                        | 40%~80%   |   |  |
|                   | Storage temperature                       | -40~60 °C   |   |  |
|                   | Storage humidity                          | 63%(30 °C)  |   |  |

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\*Product specifications and availability are subject to change without notice.