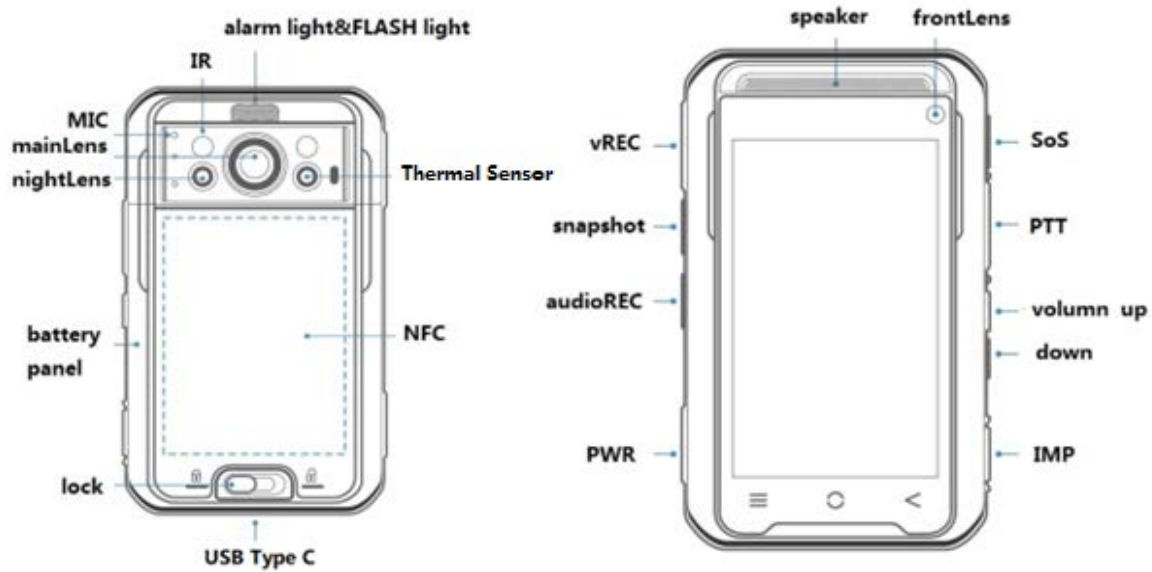


Model M530T

Body Worn Camera

World First 5G Enabled Biggest 3.1" High resolution Touch Screen
Body Worn Camera with Thermal sensors and 4K video recording





S/N	Button / Camera Name	Functions
1	Alarm Light and Flash Light	Blue & Red Alarm Light, Flash light
2	IR LED	2x High Power LED light for night vision
3	MIC	Dual MIC, support AI noise reduction
4	Main Lens	13M real physical pixels auto focus camera
5	Night Lens	Night Vision Lens
6	Thermal Sensor	Thermal sensor to detect thermal objects and measure temperatures
7	Battery Panel	Battery cover
8	Lock	Toggle switch lock to open/close battery cover
9	NFC	NFC reader built-in to read IC chip
10	USB Type C port	To fast recharge 9V/2A and data retrieve
11	Speaker	Loud High Amplifier Speaker
12	Front Lens	To do video call
13	vRec	Press to record video/audio into local storage
14	Snapshot	Take photo into local storage and also upload to cloud
15	Audio Rec	Record audio only to acc file
16	PWR	Power button to switch off or restart BWC
17	SoS	Press to send SoS to command centre or nearby colleagues
18	PTT	Push to talk button working as Walkie Talkie over 5G/4G
19	Volume Up	Increase speaker volume
20	Volume Down	Decrease speaker volume
21	IMP	Important Event Button, put important event mark into recorded video stream file

Specification

Thermal 4K Video Resolution -5G body worn camera M530T Specifications		
Hardware	CPU	8 cores, main frequency 2.0GHz
	OS	Android 10.0 and above
	Network Type/Frequency Band	GSM: 2/3/5/8 WCDMA: 1/2/5/8 TDS: 34/39 TDD: 34/38/39/40/41 FDD: 1/2/3 /5/7/8/28AB (including 700M) CDMA: BCO 5G: N1/N3/N41/N77/N78/N79/N28AB (Including 700M)
	Memory	4GB RAM +64GB Flash
	Display screen	3.1 inches, Resolution 480*800
	Touch screen	Corning Gorilla Glass
	Front camera Len	2 million real physical pixels
	Rear 3 camera Lens	13M real physical pixels auto focus camera Night vision camera 2M Pixels Wide-angle camera 5M Pixels
	Warning light	Red and blue flashing warning lights
	Flash Light	1 piece
	Signal light	1 tricolours light (Red Blue Amber)
	Night vision	Automatic night vision switching, support 2 high-power IR LEDs, meet the requirements of seeing faces within 3 meters and outlines of people within 10 meters at night, and support automatic switching to IR LED according to ambient brightness
	Navigation/GPS tracking	Support GPS/Beidou/Glonass Satellites
	Bluetooth	Bluetooth 5.1
	NFC	Support, ST21 NFC
	WiFi	Support IEEE802.11 ac/a/b/g/n, 2.4G/5G Hz
	OTG	support
	Voice intercom	Support public network voice intercom
	Speaker	Rated power 2W, maximum power 2.5W, support smart power amplifier
	Mic	Dual MIC, support AI noise reduction
	Motor	Support
	Battery	3500mAh Rechargeable
	Backup battery	50mAh, support battery replacement without shutting down
Recording parameters	Camera Sensor	dual cameras combination to one
	Video angle	Horizontal angle ≥ 100 degrees, distortion $< 1\%$
	Lens aperture	F/NO=2.2, large aperture, support more light input in dark environment

	Video size	4K (Ultra HD): 4096X2160 (30fps) (optional)
		2K (true HD): 2560X1440 (30fps) / standard configuration
		FHD (Full High Definition): 1920X1080(30fps)/default
		HD (High Definition): 1280X720(30fps)/(Optional 60fps)
		VGA (SD): 640X480(30fps)
		D1: 720x480 (30fps)
	Image Compression Format	H.265 and backward compatible with H.264
	Encryption	Real time AES256 encrypted video audio file in local storage
	Pre-Recording	Support 90 seconds pre-recording and video capture
Thermal Image Sensor (Optional)	Thermal Imaging Resolution	192x256, can be improved from 192x256 to 480x640 by software interpolation algorithm
	Infrared wavelength	8-14 μm
	Thermal Sensitivity	≤ 50 mK Thermal Sensitivity
	Industrial temperature measurement range	Industrial temperature measurement (-15 °C to 150 °C High Resolution Image, 50 °C to 550 °C Wide Range)
	Industrial temperature measurement distance	Max 5 meters
	Industrial temperature measurement accuracy	± 2 °C (± 0.5 °C after calibration)
	Detection Distance (Under normal weather conditions)	Human (1.8m*0.5m) ≥ 150 meter
		Vehicle (2.3m*2.3m) ≥ 300 meters
Interface	SIM card holder	Support dual nano Sim cards
	USB card holder	Support Type-C interface self-waterproof, USB3.0 interface, support fast charge 9V/2A
	MicroSD Slot	Single MicroSD card up to 1TB
Ethernet (Optional)	Stream ONVIF/RTSP video via wired Ethernet transmission	Support transmission through USB Type C convert to RJ45 Ethernet connector cable.
Hardware Button	Power keys/Switch button	Long press to turn on/off, short press to standby/wake up
	Video keys/record key	Press once to start video recording, press again to end recording
	Camera Keys/photograph key	Press once to take a photo
	SOS Keys/emergency alarm key	SOS button
	PTT Keys/Intercom key	PTT button (Push to Talk)
	Record Voice Keys/record voice key	Press once to start recording voice to acc file, press again to end recording voice
	Volume/volume increase and decrease	Volume+/Volume-

	IMP Key/mark key	One-click operation to mark the important event in the video files in the recording process
Environmental Parameters	Operating temperature	Working temperature: -30°C to +55°C; Storage temperature: -40°C to +70°C
	ESD electrostatic	Contact ±8KV, air ±10KV
	IP	IP68, drop 2 meters
	Charging time	less than 3 hours; less than 2 hours fast charge (9V, 2A)
	Operating hours	Single-battery body-worn camera 2K continuous recording time of 12 hours;
Physical Parameters	Dimensions	100×60×22mm
	Weight	175 grams with battery, without bracket (standard bracket 5 grams)
Software specification		
Native platform	Converged communication-multi-source video fusion visual command and dispatch platform VMS	
Web Platform	Compatible with Chrome, Edge, Firefox, Opera and Safari	Compatible with WebRTC https://webrtc.org/

How to replace battery and insert SIM card:

