5G Body Worn Camera Specification

KINGTOP

Specifications

	Product Model	KT- Z3		
	Sensor	MTK-MT6877, 8-core processor, 6nm, 2.4GHz		
	Operating system	Android™11.0		
	Lens	Lens (mm)	Front	Rear
		Lens type	GC5035（5mp）	IMX415（8mp）& IMX214（13mp）
		Angle of View (H)	70°(Horizontal 50°)	131°F/NO=2.2(Horizontal 121°)
	SD Card	4+64GB（EMCP）standard, 6+128GB(optional)		
	IR Light	2pcs 850nm IR light（Face recognize feature within 3m）+ 1 pcs white light		
	Display screen+ touch screen	2.8 inch, 480*640, MIPI interface, capacitive touch screen		
	TF Memory Card	Built in 64G(up to 512GB)		
	Speaker	8R/1.5W,25*16mm IP68 dustproof and waterproof		
	MIC	Dual MEMS MIC		
Basic configuration	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 3G：WCDMA B1/8 4G：FDD-LTE B1/3/5/8 TDD-LTE B38/39/40/41 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	Not support		
Housing structure	Drop height	Meet the requirement of 2 meters, and any 4 surfaces accumulate 4 times		
	Housing Button	- Power button（Powering on and off） - Video recording button (short press for video recording, long press for pre recording) - Recording button (short press recording and long press to manually turn on the infrared light) - Shutter button (short press to take a picture, long press to switch the recording resolution) - 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) - PTT button (long press intercom, release to answer) - Menu button (single press to return, long press to turn on the white light)		
	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 to106M		
Video	Video size	Up to 4K*2K @30fps（3840*2160）		
	Pre/deferred recording	Prerecorded 1080P, max 30s The deferred time can be set by the menu (APP)		
	Shooting in Photography	Capture during the shooting process		
	Compressed format format	H.264/H.265		
	Image format	MP4		
Fuctions	Status indicator (red/green/blue)	Standby The status indicator is always on when standby, and it flashes red when recording	Recording When recording, the status indicator flashes yellow (both red and green are on)	Charging 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 information	Equipment serial number+police information+Location information+time		
	Voice Announcements	Support(TTS voice broadcast)		
	Voice control	Support(Optional)		
	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 intercom	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 ℃ 1080P endurance ≥1.5 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	Net weight	196g
	Dimension	≤97.4mm*61mm*27.5mm
	Ingress Protection	IP68
	Operating Temperature	-30～55℃
	Operating Humidity	40%～80%
	Storage temperature	-40～60℃
	Storage humidity	63%(30℃)