4G Body Mounted Camera Specification

Specifications

Category	Item			
Basic configuration	Product Model	**KT-Z2**		
	CPU	MTK-MT6769V/CT 8-core processor,12nm, 2.0GHz		
	Operating system	Android™12.0		
	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	3+32GB（Up to 256G）		
	TF Memory Card	Built in 64G(up to 256GB)		
	IR Light	2pcs 850nm IR light（recognize face feature within 3 meters）+1 white light		
	TP	2.4inch, 480*640 MIPI interface, Single touch+gesture, capacitive touch screen		
	Speaker	8R/1.5w, 25*16mm, IP68 dustproof and waterproof		
	MIC	Dual MEMS MIC		
	Headphone	TYPE-C intercom headphone		
	4G wireless network (All Netcom)	2G：GSM(B2/3/5/8), CDMA 1X（BC0） 3G：WCDMA（B1/2/4/5/8）, CDMA EVDO（BC0） 4G：TDD（B34/38/39/40/41）, FDD（B1/2/3/4/5/7/8/12/17/20/28）		
	Antenna	2+1（Main antenna+sub antenna+WIFI, BT, GPS three in one antenna）		
	WIFI	802.11ac/a/b/g/n WIFI2.4,WIFI5.8		
	Bluetooth	BT5.0		
	External extension interface	9 pin contact interface for such NFC antenna interface, Serial port output interface		
Sensor	GNSS	GPS/Galileo/GLONASS/Beidou. Support GPS L1, L5 dual channel		
	Motion Sensor	6-axis gyroscope (for EIS electronic stabilization)		
	Magnetometer	eCompass automatically detects direction and orientation		
	Ambient light sensor	Support (Used to control the automatic opening and closing of IR lights)		
	Vibration motor	Support		
	Altitude Barometric Pressure Detection	Support		
Housing structure	Drop height	Meet the requirement of 2 meters, and any 4 surfaces accumulate 4 times		
	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 structure	External PC plating, internal Silicon buttons
	Battery structure	Built-in replaceable battery
Camera	Shutter Control	Electronic shutter
	Continuous shooting	Support(App)
	Shake Reduction	MediaTek EIS electronic anti-shake
	Distortion	<16%
	Focus distance	1m-infinity
	Digital zoom	Up to 24x digital zoom
	White balance	Auto
	Photo size	Up to 54M
Video	Video size	Up to 2K@30fps(2560*1440)
	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
	Video encoding format	H.264/H.265 optional
	Image format	MP4

		Standby	Recording	Charging
Fuctions	Status indicator (red/green/blue)	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 charging indicator is blue when power up and charging, and the indicator is red when power off and charging. The indicator light is green at the end of 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	Documents recorded by body worn camera can be highlighted		
	Watermark	MM-DD-YY-HHM		
	Superimposed information	Equipment serial number+police information		
	Voice Announcements	Support(TTS voice broadcast)		
	Voice control	Support		
	Button response	All operation response times should be less than 1s		
	Motion detection	Support		
	GPS	After GPS is turned on, location information is superimposed on videos or photos		
	Face recognition	Optional		
	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		

	External Battery	3300mAh/3.8V, -30 ℃ 1080P endurance ≥2 hours during low temperature environment
	Built-in battery	65mAh/3.7V
	Charging method	Adapter/PC-USB, vehicle USB
Battery	Charging time	<5 hour
	Recharging	≥500times
	Usage time	9 hour default (default)

	Power saving mode	Support, it defaults to 30S and enters the power saving mode when there is no operation
	Low temperature compatibility	＞2 hours at a low temperature of - 30 ℃
Accessories	Back clip	Support
	USB cable	TYPE C, USB2.0
	Cradle	Support
	Charger	5V/2A, 5V/3A (optional)
	Color box	Neutral
General	Power supply	DC12V (-15%~+25%)
	Dimension	≤87mm*55mm*30mm(Without back clip）
	Ingress Protection	IP68
	Operating Temperature	-30～55℃
	Operating Humidity	40%～80%
	Storage temperature	-40～60℃
	Storage humidity	63%(30℃)

Shenzhen Jintaiyi Electronic Co., Ltd.

12-A, Building E4, TCL International E-City, Zhongshanyuan Rd, Nanshan, Shenzhen, Guangdong Province, China, 518051

Email: info@kingtoptec.com

https://www.kingtoptec.com/