

U-Link

4G Android Body Worn Camera UL-BWHD16M



KEY FEATURES

4G LTE Body Worn Camera

Live H.264 dual video streaming

1080P FHD Video recording

Dual SIM card support (optional)

External 1080P camera support

125 ° field of view

IP67 waterproof and dust-proof

2.8" LCD Touch Screen for operation

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KEY FEATURES

16MP resolution image shooting

10 meters IR Night Vision

GPS, WIFI, Bluetooth built-in

Shock & corrosion protection, 2M drop test

Two-way audio, Group call

Data safety with encryption

Watermark function

CMS client & server management platform

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1080P/30fps-16MP-4G LTE, GPS, WIFI-2.8" LCD-IP67

High-end 4G LTE Full HD Body Worn Camera tailor-made for law enforcement application. With IP67 waterproof, shock and vibration-resistant, dust-proof design, the outstanding performance delivers clear and sharp images in extremely low light conditions. features 125° angle view, 2.8" HD display, Dual Sim card, 1080P video recording, 1600MP photo resolution, 10m IR, external 1080P camera support, realtime video streaming, 2-way audio, SOS alert, laser indicator and etc.



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Package contains

Parts	Qty	Remark
4G Camera with 32GB memory	1	128/64GB optional
3600mAh battery	1	1 optional
220V Adaptor	1	
USB data cable	1	
Shoulder Clip	1	
Battery charger	1	optional
CMS & Manual	1	softcopy





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Technical Specifications

General	
System	Android 5.1, built-on MTK soc
Processor	Quad-core ARM@Cortex-A53 MPCore 1.3GHz/512KB unified L2 cache
LCD	2.8 inch HD TFT LCD, capacitive touch screen, 320*240
Sensor Type	CMOS
Field of View	>120° wide-angle lens
Focus Range	0.5m ---∞
Camera	1x Front camera (8MP), 1x Rear camera (16MP)
External Camera	support 1080P external camera (optional)
Memory	32GB (64GB/128GB optional), RAM 1GB, ROM 8G
Sim Card	Dual Sim card (4G full Netcom and special network) 1 module 4G full Netcom, 1 module 1.4G/1.8G private network band; micro SIM card (optional)
Microphone	Built-in microphone and speaker, ϕ2.5mm
USB	Mini USB2.0, BT4.0
LED Indicator	white light LED, color video shooting at night
Two-way audio	Support
Wireless Transmission	
3G/4G Real-time Transmission	TDD LTE: B38/B39/B40/B41 FDD LTE: B1/B3/B7 WCDMA: B1/B2/B5/B8 TD-SCDMA: B34/B39 GSM: B2/B3/B5/B8
Private Network	Support 1.4G, 1.8G Frequency Band LET private network
WIFI	802.11b/g, 2.4GHz
Bluetooth	BT 4.0
GPS position	GPS and Beidou Positioning
Photo	
Image Resolution	16 Mega pixels
Shutter control mode	Electronic shutter
Exposure control	Auto
White balance	Auto
Photo format	JPEG



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Technical Specifications

Video/Audio	
Video Input	Built-in camera: 1080P; External camera: 1080P (optional)
Video transmission	1080P under 4G network, 256kbps-8Mbps
Video record	1920*1080/1280*720/640*480 at 30fps, 720P (default)
Video format	JPEG
Audio format	ACC
Working time	8hour/battery, 48hr standby
LED	Auto switch, IRCUT, High-power LED, cooling of the aluminum plate, Laser positioning, Flash light, Light detection by built-in chip
Night vision	About 10meter in total darkness with fill light Automatic IR switch mode in low light environment
OSD language	English/Chinese (other language by request)
Button	Power/ Video Record/ Photo/ Voice Record/ Replay/ Shut-off/ Intercom/ Reset
Operation / UI	
Battery	1x 3600mAh lithium polymer battery, replaceable
Ingress protection	IP67 (GB4208-2008)
Drop test	2meter
Charging method	Adapter, charging with USB or vehicle, DC 5V, 1000mA
Working temperature	-30°C+60°C, RH<90%
Weight	175g (without battery), 210g (with battery)
Dimensions (L x W x H)	102mm x 64mm x 31mm



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Functionality

Items	Details
Photographing	Press single button to capture photograph during video shooting without affecting the normal video
Wireless Transmission	The device has the function of transmitting the video under wireless communication mode the whole network 4G
WIFI Function	The device supports WIFI transfer function
Global Positioning System	The device can receive satellite data and upload the position information to the command center in real time through the built-in communication module. Geo-Fence function: alarm trigger if crossing the geo-fence Support GPS and Beidou Positioning for domestic market
Infrared Night Vision	The outline of the human body can be seen in 10-meter effective distance The characters in the picture of the facial features can be recognized in the effective 3-meter shooting distance
Browse, retrieve and playback	The video and audio, photo and other information saved in the device can be browsed, retrieved and replayed according to the time
Character Superimposing	Information can be automatic overlay in the recorded video and the pictures, for example time, date, user number, GPS location information
Display	The device can display battery charge, charge status, system time, storage margin and other information. Boot, voice recording, video state available with light indicator.
Time Synchronization	When the device connected to the host computer, the time can be automatically synchronized with the time server through the management software.
Abnormal Alarm	The device has the alarm function of battery under pressure, storage overflow.
Data Integrity	The device can store the data and protect stored data, stored data is not removed or covered by this machine or unauthorized host computer. The device in the abnormal problems can be restarted, the stored data will not be lost or damaged after the restart.
Log Recording	The device can record the running status and operation information, just as the on / off time, video time, recording time and photographic operation information. Log reading and cleaning can only be done through the host computer system management software.
Special Management Software	<p>A. Hierarchical management and authorization authentication.</p> <p>B. You can set the basic parameters, such as the system time, password, and the grading system.</p> <p>C. You can upload, cancel and query the stored files in the device.</p> <p>D. This device can store and retrieve information according to the number and time of the information.</p> <p>E. The video resolution and frame rate can be set</p> <p>F. The users and user department can be set</p> <p>G. This device has the function of automatic data import. When the product is connected with the authorized host computer through the communication interface, the internal video and audio information, audio information, photo and log data, user information, file type, upload time can be automatically uploaded.</p>
Color Reduction	The picture color is similar to the body color during video display or playback. The device has the function of automatic infrared filter.
Information Upload	All the information can be uploaded, just like the recorded video, audio, photos, internal time and memory capacity information, user information and use of personal information
Information Download / Receive	<p>A. The information used to calibrate the local calendar clock should be download or received, like "year, month, day, hour, minute and second"</p> <p>B. Some information of configuring the working mode of the device, such as reading the record data, deleting the control instruction of the recorded data and so on</p> <p>C. Video and photo resolution, user information</p>
Two-way Audio	Support 2-way audio between BWC Support 2-way audio between BWC and platform