

BV-A11

4G Android Body Worn Camera

www.vipro.com.tw



Triple cam design | Dual Sim | 4G LTE, GPS, WIFI | 3.5" LCD | IP67

BV-A11 is the 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. BV-A11 features 120° angle view, 3.5" HD display, 1080P video recording, Dual sim card, 16MP photo resolution, 10m IR, external 1080P camera support, realtime video streaming, 2-way audio, SOS alert, laser indicator and etc.

Key Features

- 4G LTE Body Worn Camera
- Live H.264 video streaming
- 1080P FHD Video recording
- Dual SIM card support (optional)
- Triple camera support
- Triple mic noise reduction, 3W speaker
- External 720P/1080P camera support
- FOV:120° (diagonal), 107° (horizontal)
- IP67 waterproof and dust-proof
- 3.5" IPS Touch Screen (Corning Gorilla III), support glove-wearing operation
- 16MP resolution image shooting
- 10 meters IR Night Vision
- GPS, WIFI, Bluetooth, NFC built-in
- Support 4G/5G network
- Shock & corrosion protection, 2M drop test
- One-key SOS, Two-way audio, Group call
- Data safety with encryption
- Watermark function
- Support adding facial recognition and vehicle license plate recognition
- CMS client & server management platform

Package contains

Parts	Qty	Remark
4G Camera with 2GB	1	64GB/128GB
RAM+32GB memory		optional
4000mAh battery	1	
5V 2A Adapter	1	
USB data cable	1	
Back Clip	1	
9V 2A Adapter	1	optional
Desktop Charger	1	optional
CMS & Manual	1	softcopy
External camera	1	optional
earhook		

Technical Specifications

General		
Product series	BV-A11	
System	Android 8.0, built-on MTK6739 soc	
Processor	Quad-core ARM/1.5GHz/64 bit CPU	
LCD	3.5" (320x480) capacitive IPS multi-touch screen (up to 5 dots)	
Sensor Type	CMOS (4MP)	
Field of View	120° wide-angle lens	
Focus Range	0.5m ---∞	
Camera	1x Main camera (4MP), 1x Front camera (2MP) 1x Smart camera (13MP, AF)	
External Camera	support 720P/1080P external camera (optional)	
Memory	32GB (16GB/64GB/128GB optional)	
RAM+ROM	2GB+16GB / 2GB+32GB (1GB optional)	
Sim Card	2 x Nano Sim card support	
Microphone	Built-in microphone and speaker, 2.5mm	
Trumpet	Dual trumpets	
Vibrating motor	Support	
Interface	1x Micro USB, 1x BT4.0, 1x USB POGO 5 PIN, 2x Sim slot, 1x SD Card slot, 1x Bluetooth earphone	
LED Indicator	white light LED, color video shooting at night	
Push to talk	Support	
NFC	IEC14443 TypeA/B	
OTG	Support	
Wireless Transmission		
3G/4G Real-time Transmission	TDD LTE: B38/B39/B40/B41 FDD LTE (Asia): B1/B3/B5/B7/B8/B20 WCDMA: B1/B3/B5/B8 TD-SCDMA: B34/B39 EVDO/CDMA2000: BC0 GSM: 900/1800	
WIFI	802.11a/b/g/n, 2.4G/5G	
Bluetooth	BT 4.1 with BLE, BT2.1+EDR (BT5.0 downward compatibility)	
GPS position	GPS/GLONASS hybrid positioning system	
Voice intercom	public network voice intercom	
Photo		
Image Resolution	16 Mega pixels	
Shutter control	Electronic shutter	
Exposure control	Auto	
White balance	Auto	
Photo format	JPEG	
Video/Audio		
Video Input	Built-in camera: 1080P; External camera: 720P/1080P (optional)	
Video transmission	1080P under 4G network, 256kbps-8Mbps	
Video record	1920*1080/1280*720/720*480/640*480 at 30fps	
Video encode	H.264	
Video format	AVI	
Audio format	AAC, 3GP	
Pre-& Post-record	0 / 5/ 10/ 15 sec	
Working time	>8hr/1920*1080/4000mAh battery, >48hr standby	
Operation UI		
LED	Auto switch, IRCUT, High-power LED, Laser indicator, Flash light, Infrared light, Police 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/ PTT/ Mark/ SOS	
Mechanical		
Battery	2700mAh Li-polymer battery (4000mAh, optional), replaceable	
IP standard	IP67	
Drop test	2meter	
Charging method	adapter, USB or vehicle, DC 5V, 1000mA, charger, dock station	
Charging time	max. 3hours, fast charging PE+ protocol support	
Temperature	Working: -30°C ~ +55°C ; Storage: -40°C ~ +70°C	
Weight	170g	
Dimensions (L*W*H)	107.0mm x 63.8mm x 17.0mm	

Functionality

Items	Details
<i>One-key Operation</i>	One key operation for video recording, audio recording or snapshot. Press single button to capture photograph during video shooting without affecting the normal video
<i>3G/4G/Wi-Fi Transmission</i>	Embedded with 3G/4G/WIFI module, the device can register into a public network to connect with VMS, and can send all the information (video/ audio/ alarm/ gps) through wireless network. The device supports live video streaming under the network 4G/5G wireless communication mode Speed: TDD: max. upstream rate @ TDD cat4 50Mbps ; max. downstream rate @TDD cat4 150Mbps FDD: max. upstream rate @ FDD cat4 50Mbps; max. downstream rate @ FDD cat4 150Mbps
<i>Global Positioning System</i>	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/Baidou (Glonass) hybrid Positioning Support Compass
<i>Infrared Night Vision</i>	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 3~5meter shooting distance
<i>Sensor</i>	Support Ambient light sensor, Proximity sensor, 3D acceleration sensor
<i>Browse, retrieve and playback</i>	The video and audio, photo and other information saved in the device can be browsed, retrieved and replayed according to the time
<i>Character Superimposing</i>	Information can be automatic overlay in the recorded video and the pictures, for example time, date, user number, GPS location information
<i>Display</i>	The device can display battery charge, charge status, system time, storage margin and other information. Boot, voice recording, video state available with light indicator.
<i>Time Synchronization</i>	When the device connected to the host computer, the time can be automatically synchronized with the time server through the management software.
<i>One key SOS</i>	When in emergency, users can press the SOS button to trigger the alarm and send to CMS, while the GPS information, real-time video and audio will be sent back at same time.
<i>Data Integrity</i>	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.
<i>Log Recording</i>	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.
<i>Color Reduction</i>	The picture color is similar to the body color during video display or playback. The device has the function of automatic infrared filter.
<i>Information Upload</i>	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
<i>Information Download / Receive</i>	A. The information used to calibrate the local calendar clock should be download or received, like "year, month, day, hour, minute and second" 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 C. Video and photo resolution, user information
<i>Group talking</i>	Administrator can build groups and add different users into one group. Users can talk and send message to other members in this group.
<i>Two-way Audio</i>	Support 2-way audio between BWC Support 2-way audio between BWC and platform

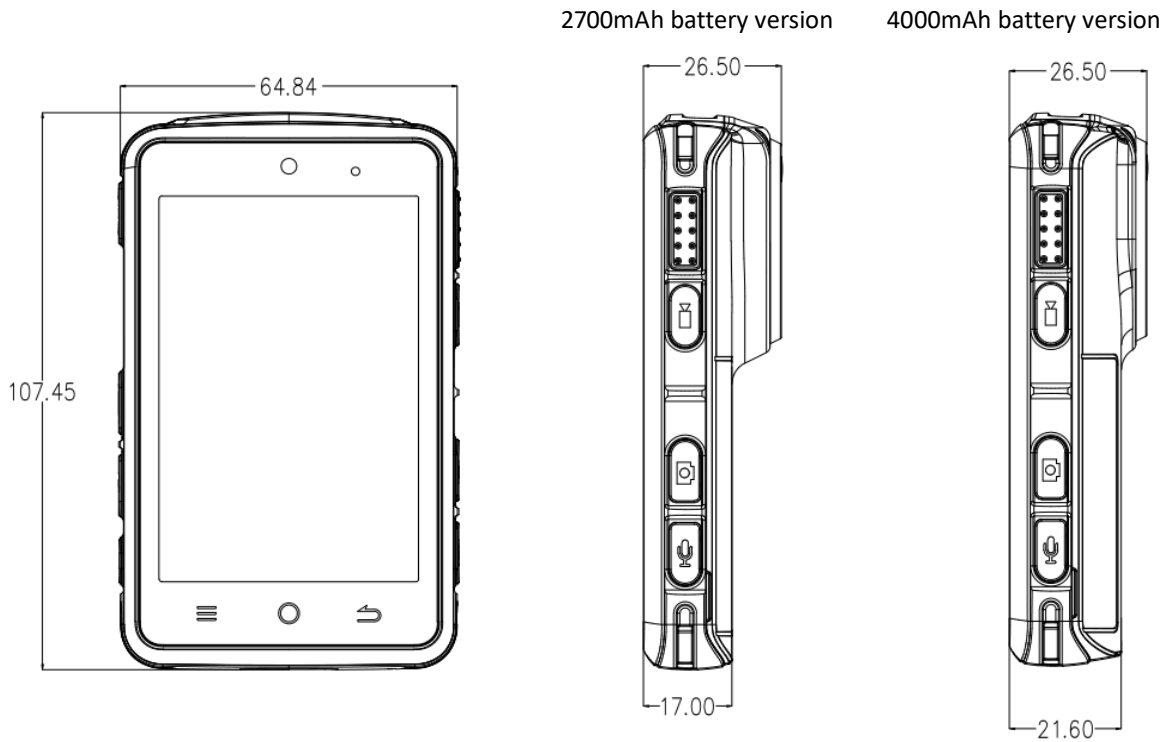
BV-A11

4G Android Body Worn Camera

Product image



Dimension



Optional accessories



Desktop charger
(simultaneous charging
BV-A11 and battery)



BV-CE1
1080P Earhook Camera



WDS06
6Bay Dock Station
(Windows embedded,
Wall-mount design)



WDH06
6Bay Extended Hub
(max 3 Hub per dock station)