EBMS

4G Body Camera

PART NO : BC102

The camera has the ability to stream in real time via 4G or WIFI connectivity. High quality video can now be seen live in the control center allowing real-time situational awareness and decision making. The operator can also understand the wearer's position by built-in GPS. Alternatively, camera wearer can send an alert back to a control center with their live video, GPS location details.

Main Features

- **High Quality Video and Audio Recording**
  Recording resolution is up to 2688x1512 (1512P), support recording audio with video together.
- **13-Hour Full Shift Battery Life**
  Up to 13 Hour Battery Life ensures your camera lasts a whole shift which is critical to ensuring recording capability.
- **Live Streaming via 4G/LTE**
  The camera has the ability to stream in real time via 4G or WIFI connectivity. High quality video can be seen live in the control center allowing real-time situation awareness and decision making.
- **Live & Playback Tracking through GPS**
  The operator can also understand the officer's position by built-in GPS.
- **Record File Protection**
  Using the AES256 encryption technology, the record file in the camera will be safe and protected from unauthorized access.
- **Inter-phone Function (2 way communication)**
  By pressing the PTT button on the camera, the camera can work like a walkie talkie and talk to bodycam and server.

Specification

System	OS	Linux
	Startup time	7s
	Language	English / Russian / Spanish / Korean
Video	Sensor	5 million pixels FHD image sensor
	Screen	2-inch color LCD
	Recording video resolution	2688×1512/ 2560×1440/ 2304×1296/ 1920×1080
	Recording frame rate	25fps@(2688×1512)/ 30fps@(2560×1440)/ 30fps@ (2304×1296)/ 30fps@(1920×1080)
	Record mode	Record video and audio altogether, independent dual stream for local recording and live view video.
	Compression	H.264(MP/HP Level 5.1)/H.265(MP Level 5.0)
Audio	Audio input	1x MIC input, support intercom connection with USB
	Audio output	Built-in high-quality speaker
	External audio port	2.5mm headphone jack, support headphone, microphone and PTT
	Compression	PCM
	Audio record	Support record audio file only
Photo	Resolution	10752x6048 / 5376x3024 / 2688x1512 optional
	Snap	Support capturing pictures from live video
	Photo file format	JPG
	Burst shooting	5/10/20/25 pictures at a time
Lens	Lens	5 million pixels HD lens
	Angle	126 degrees (HOV)
	Digital zoom	8X
	Geometric distortion	less than 8%

Storage	Data storage	Built in 32GB TF card (optional up to 256GB)
Night vision	Night vision (IR)	Night vision automatically/ manually turned on in low light environment
	Performance	Up to 7 meters with visible face detection
Light source	Flash light	To increase brightness when you are recording or taking a photo
	Laser	Auxiliary locking imaging center or laser marking
Connectivity	USB	1x USB Mini port
External camera	External camera	Support external 1080P HD IR camera
Network	Protocol	TCP/IP, RTSP, RTMP, GB/28181
	3G/4G	FDD-LTE/ TDD-LTE/ WCDMA/ EVDO/ GPRS
	WIFI	Support
	Bluetooth	Bluetooth 4.0
GPS	Positioning	Built-in GPS. Support GPS/GLONASS
Firmware	Facial recognition	Face recognition with deep learning algorithm, massive local blacklist or cloud recognition (optional)
	Plate number recognition	Support (optional)
	Voice control	Support (optional)
	G-Sensor	Support (optional)
	Voice broadcast	Support (optional)
	Playback	Support local playback, search video files by time, alarm, etc.
	Remote view	Support remote online playback & file download
	Interphone	Support (optional)
	On screen display	Date, time, device ID, user number, location information, speed information, etc.

	Overwrite	Support
	Playback speed	Fast forward/backward 1~128 times
	Pre&Post event buffer	10s pre-recording, 60s post-recording
	Password authorization	Support
	Encryption	AES256 encryption
	Log	Support
Software	hPlayer	Play back multiple cameras files together, including the encrypted files. At the same time, it analyzes the data information in the file.
	CMSV6	Support real-time preview & positioning, track playback, intercom, remote command issuance, etc.
Upgrade	Firmware upgrade	Upgrade via USB interface or remote upgrade on CMSV6
Power	Battery capacity	Built-in 3600mAh battery (Replaceable)
	Battery life	13 hours of continuous recording @1920x1080
	Charging time	1A power adaptor, 5 hours charging
Working environment	Operating Temperature	-30 to 65℃
	Humidity	40%~80%
Other	Cradle	Charging and USB data transfer
	Time	Support time synchronization with network, computer or GPS
	Light indicator	Light indicators for charging, idle, video recording, photo, audio recording
	IP rating	IP68
	Drop	2m
	Size	3.29" x 2.01" x 1.09" (83.6mm x 51.1mm x 27.7mm)