

# BC-800



## Police Body Camera Series

*A reliable 4G LTE handy gadget on-duty*

**CHAMPTEK**<sup>®</sup>  
We value your ID's

### Introduction

The BC-800 device is a heavy duty body camera device, which provides a variety of features allow your to communicate and work together as a team to handling different emergency situations. The IP67 grade device carries a 3.1" TFT display, with 5000 mAH battery for long hour operation and some of its advanced features such as 4G LTE and Wifi network communication, comprehensive geo-fencing, GPS tracking and reporting system solutions enable the users to make team work effective.

### Features Highlight

- Ruggedized Device
- Push-to-talk over WIFI, 2G, 3G, 4G LTE
- 5,000mAh Large Capacity Battery
- Gloves Touch Screen Capable
- Ruggedised Design with IP67 Rating Support
- 1080p Video Recording
- Support external speaker, earphone, UART, USB 2.0 & OTG



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## Specifications

Hardware Specifications	
Operating System	Android 8.1
Hardware Platform	Quad-Core A53 1.5GHz 64bit
Network Type	Support 2G, 3G (WCDMA, TD-SCDMA,), 4G (FDD LTE/TDD LTE)
Memory	3GB RAM + 32GB ROM
Display	Corning® Gorilla® Glass 3, TFT 3.1"IPS, 800 x 480
GPS	GPS, GLONASS & AGPS, dual-mode positioning
WiFi	802.11 a/b/g/n, 2.4G/5G
Bluetooth	BT4.0
Sensor	Acceleration, Proximity, Light, Gyroscope, Magnetic, NFC
USB Interface	Micro USB 2.0, support OTG
SIM Card	NANO-SIM single card
Encoding / Decoding Capabilities	H.264/H.265 high profile, 1080P/720P/VGA/480i 30FPS
Speaker	36mm $\Phi$ 2.0W @ 90dB
Microphone	Sensitivity -38dB $\pm$ 1.5
Front Camera	2 Mega Pixels camera
Wide-angle Camera	5 million pixels camera, 140.7°
Video Quality	Support 1080P video recording
Indicator LED	Single 3-colors LED
M6	Support External Speaker, Mic, Earphone, UART
Working Environment	Temperature -20 °C - 60 °C, humidity 20% - 90%
Degree of Protection	IP67, water & dust resistance, anti-drop 2.0 meters
Weight	260g, with battery
Battery Capacity	5,000mAh, replaceable
Working Time	Continuous 12 hours recording
Size	120mm x 60mm x 28.5mm

## Body Camera Functionality



Multiple Mounting Options



SOS button



Operation: Single Click with Voice and Lighting Alerts



Triple Mic: Noise Suppression, Short and Long-Distance Recording



3.1-inch Touch Screen: Integration and User Access



Video Storage Capacity: 64GB



Android Operating System



Battery: 12+ Hours, 4,900mAh Removable



Camera Quality: 13MP with Omnivision Technology



Rugged: IP68 Rating and Drop Tested



Video Quality: 1080P Full-HD, H.2654 High Efficiency Video Coding (HEVC)



Sensors: Light, Gyroscope, Accelerometer, NFC



2x Dedicated Video Buttons

## Product Features & Services

**Welcome to the new era of control. One system. Multiple objectives met.**

Our Dispatcher – Command and Control Centre gives users a best-in-class management and control platform which has been a game-changer in terms of integration of services and systems. The system has a strong focus on exception reporting and streamlining of masses of information. This ensures more control over users and better decision making to be made due to the in-depth information available. The system integrates our PTT solution, body camera system, video management system, incident reporting, as well as guard patrol solution into a single managed platform.



Live Streaming  
via 4G LTE



GPS Tracking



Comprehensive  
Geo-Fencing



PTT  
Communication



Incident Reporting  
and Management



Group, priority, and  
individual calls



Panic Alert  
System



Guard Patrol  
Solution



Voice  
Recording & History



Video Management  
Solution



Wireless Cloud  
Upload



Cloud-base Storage  
and Workflow



Dual Stream – Local & Live  
Recording



Loan Worker  
Functionality



Broadcast  
Messaging



AES256  
Encryption



Access Control



## Exploded Views



## Accessories



### Clip

The clip can hold the device and attach to your waist to free your hands. Useful when in use with headset, handheld mic or bodycam.



### Battery Charging Case

A standalone case for charging extra battery.

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