



BWC BC-03

User Guide



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Phone +886 (0)2-2785 7888

Rev: 1.3

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Chapter 0: Revision History





Title		Getac BWC BC-03 User Guide
Rev	Date	Description
V1.0	2018/08/30	Initiation version.
V1.1	2018/12/05	
V1.2	2019/01/23	
V1.3	2019/12/25	
V1.4	2020/01/30	

Chapter 1: Unpacking

✧ Standard Package

Item	Description	Outlook	Quantity
1	BWC BC-03 Body-Worn Camera		1

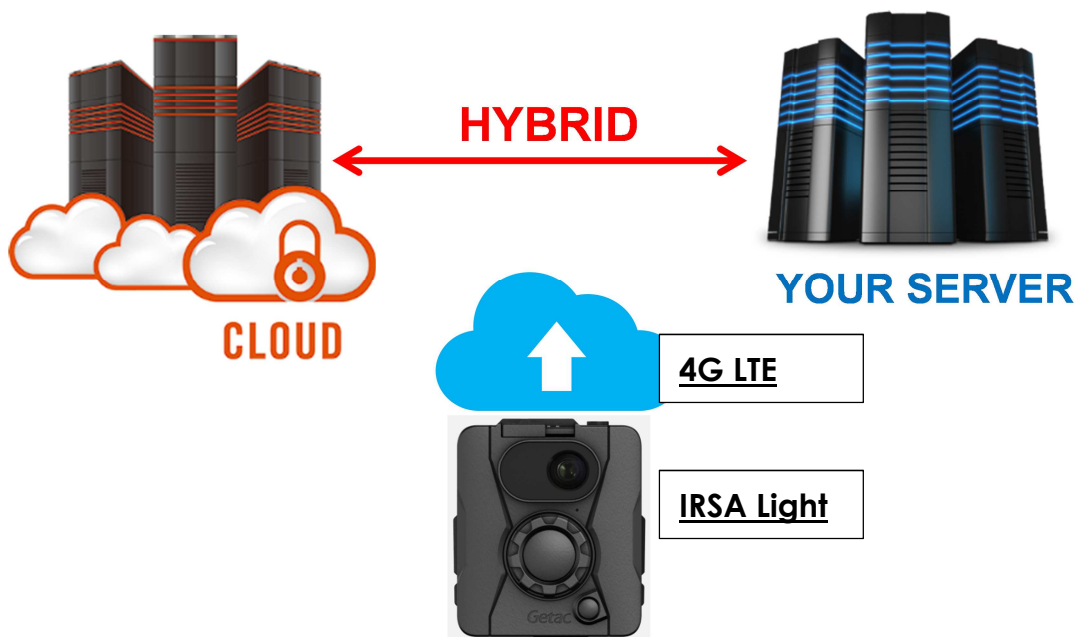
✧ Optional Accessories

Item	Description	Outlook	Quantity
1	Chest Mount		
2	Pocket Mount		
3	Chest Clip		
4	Epaulette Clip		
5	Magnetic Mount		

Chapter 2: System Architecture

2.1. Getac Video Solution components

- BWC BC-03
- BWC VD-03
- BWC MD-03/MD-03D
- Enterprise Server



2.2. What is Getac BWC solution?

In the wake of recent years of police controversy as well as subsequent protests, there has been a call to mandate the use of Body Worn Cameras to promote Accountability and Transparency.

Getac Video solution helps police officers automatically recording, data offloading and view media evidence and secure it.

BWC is a video recording system that is typically utilized by law enforcement to record their interactions with the public or gather video evidence at crime scenes, and has been known to increase both officer and citizen accountability.

If the video is being sent to the Enterprise Server (Intranet), it is immediately uploaded directly from the BWC to Enterprise server.

If the video is being transferred to the Azure, the data is temporarily stored at the Network Attached Storage till there is adequate bandwidth to upload.

BWCs Office docks can be centralized and mounted on the wall for more efficient use of space. Simple LED Indicators on the BWC allows for quick status recognition for express check in/out.

Chapter 3: System Requirement

3.1. Operating System.

Operating System	Version	Supported	Remark
Win7	64bit	Yes	
Win10	64bit	Yes	

3.2. System Requirement

	Item	Specification	Remark
1	CPU	Intel Core i3 or i5 above	
2	Memory	4.00 GB	
3	Disk		

Chapter 4: System Specification

4.1. BWC BC-03 Hardware Specifications

Item	Specification	Remark
Dimension	83.7 X 73 x 21 mm	
Weight	180g	
RAM	8Gb	
eMMC	64GB; Built-In	
Lens FOV	140 degree(H)	
Wireless - WIFI	802.11 b/g/n/ac	
Wireless - Bluetooth	BLE	
LTE	Cat-4	
GPS	Yes	
Slide Switch	Normal/Covert	
Video Categorize	64 Category	
Mark Button	Save "Mark" into Metadata file	
Power/RF Button	Yes	
Resolution	1920x1080/30FPS 1280x720/30FPS 768x432/30FPS 640x360/30FPS	
File Format	.MP4	
Operation Temp.	-20 ~ 50 degree C	
Drop	1.8 meter	
IP Rating	IP67	
FCC	Yes	
CE	Yes	
IC	Yes	
RoHS	Yes	
LTE	Yes; AT&T/FirstNet, Verizon	

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4.2. BWC VD-03 Hardware Specifications

Product Name		Getac VD-03
Vehicle mounting function		Support pass-through holes on backside and bottom side for "vertical installation".
Vehicle dock function		Support BWC B3 for battery charging(both still & moving states) in "vertical" installation
Office dock function		Support BWC B3 for battery charging on office table docking in "vertical direction"
I/O Port		Ethernet Port * 1(10/100Mb) DC Jack * 1
AC Adapter		12V, 2A, 24W
Warranty		Standard 1 year, extendable for 2nd & 3rd year.
Operation Temp.		-20~50 degree C; battery charging temp > 0°C, <40°C
Humidity		5% to 95%
Vibration test (non OP)		MIL-STD-810G Fig. 514.6 E-1
Storage Temp.		-40~70 degree C
Dock/Undock		Support 10,000 times life
Status Indicator		Support Green LED, "On" = power-connected, "Off" = power-disconnected.
Regulation		FCC, CE
ID and label		Getac Logo printing & rating label.

Chapter 5: System Operation

5.1. BWC Operation



No.	Description
❶	On/Off Button: Wi-Fi wake-up supported
❷	Microphone
❸	Power Status LED
❹	Camera Status LED
❺	Mode Switch (Normal/Covert)
❻	HD Camera Lens
❼	Wheel Switch
❽	Main Button (Start/Stop/Mark/Confirm)
❾	Speaker
❿	Dock Connector: Connects to the charging dock.
⓫	Interlocking Grooves: Fit the tongues of the Getac mount and clip.

5.2. BWC Button Function

	Key	Function	Remark
1	Power Button	To power on/off body worn camera	
2	Power Button	To wake up Wi-Fi forcibly	
3	Main Button	To start/stop recording	
4	Main Button	To confirm categorize operation & mark	

5.2.1. LED

Please refer to 5.3.

5.2.2. Microphone

For audio recording purpose.

5.2.3. On/Off Button

Press power button one time to boot BWC. Press power button 10 seconds to shutdown BWC.

5.2.4. Mode Switch

Normal mode and Covert mode switch.

5.2.5. Wheel Switch

When stopping recording, you can use wheel switch to categorize the instant.

5.2.6. Main Button

To start recording/stop recording and mark/confirm function.

5.2.7. Speaker

To provide audio notifications.

5.2.8. Action Description

Action	State	Audio
Press Power button 1 sec	Power on	Hello
Press Power button for 10 sec	Power off	Goodbye
Wheel select	Category	Clarify
		Event-1
		Event-...
		Event-....
		Event-64
		Confirm
Press REC button 1 sec	Start Recording	Recording
Press REC button 3 sec	Stop Recording	Stop Recording
Press Power button	Video Mark	Mark
Mode switch	Covert On	No sound
Mode switch	Covert Off	Covert Off (or no sound)
Battery low at 3.1V, Shutdown at 2.9V	Battery Low	Battery Low
Put on dock	Battery Charge	Battery Charge
Memory full at 0byte remaining	Memory Full	Memory Full
Memory low at 4GB remaining	Memory Low	Memory Low
Press power button 1sec when REC	Mute On	Mute On
Press power button 1sec when REC and mute on	Mute Off	Mute Off
Press power button for 3 sec when pre-rec or standby	Audio only Recording	Audio Only
Press Power button 3 sec	Audio Stop	Audio Stop
Server send live on	Live On	Live on
Server send live off	Live Off	Live off

5.3. BWC LED Indicator

	LED	Function	Remark
1	Left	Charging LED	
2	Right	Status LED	

5.3.1. Charging LED

Operation LED	Operation Mode
Green Solid	Battery Fully Charge
Red Solid	Battery Low/Storage Full
Red Fast Blinking	Storage Low<4GB
Red Slow Blinking	Charging or battery fail
Yellow Solid	Battery Charging

5.3.2. Status LED

Operation LED	Operation Mode
Green Solid	Available camera(Data Offloaded/Full Charged)
Red Solid	Storage Full
Red Fast Blinking	Recording and Live Streaming
Red Slow Blinking	Recording
Yellow Fast Blinking	Offloading data
Yellow Slow Blinking	Mute in Recording

5.4. Audio Prompt

Operation Mode	Beep Sound	Audio Prompt
Video Tag	Beep/Every press	
Storage Full	Beep/5 sec	
Storage Low<4GB	Beep/5 sec with 10 times	
Buffer mode and WiFi connected	Beep * 2 within 1 second	
Recording mode and WiFi connected	Beep * 2 within 1 second	
Buffer mode and LTE connected	Beep * 2 within 1 second	
Recording mode and LTE connected	Beep * 2 within 1 second	
Power On		Hello
Power Off		Goodbye
Category		Depend on event
Start Recording		Recording
Stop Recording		Stop Recording
Video Mark		Mark
Covert Off		Covert Off
Battery Low		Battery Low
Battery Charge		Battery Charge
Memory Full		Memory Full
Memory Low		Memory Low
Mute On		Mute On
Mute Off		Mute Off
Audio only recording		Audio Only
Audio Stop		Audio Stop
Live On		Live On
Live Off		Live Off
Wifi On		Wifi on

Chapter 6: Management

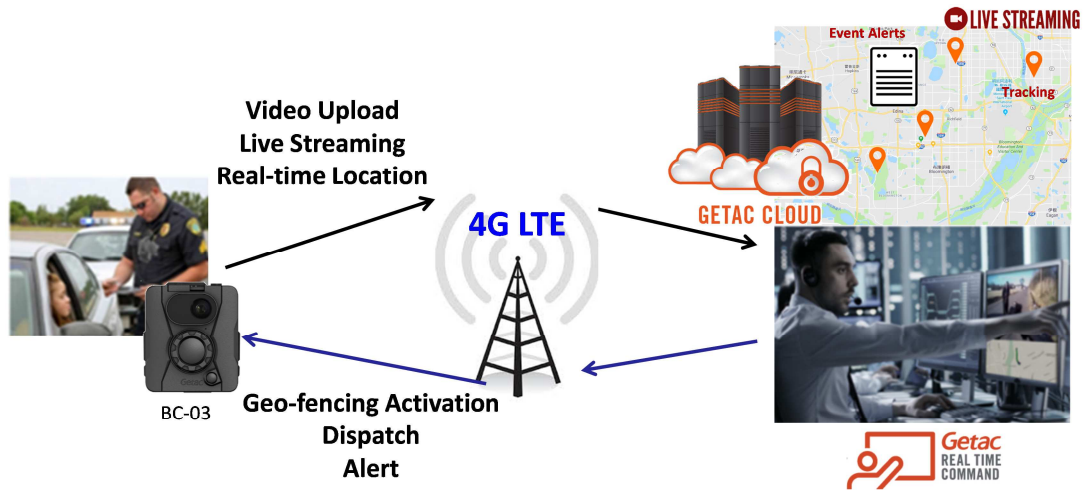
6.1. Operation Introduction

Automatic uploading is Quick, Secure and requires no action from the officer.

6.2. Real time Monitoring

The BWC can wirelessly transmit real-time footage when connected to the In-Car Video DVR or In-Car PC.

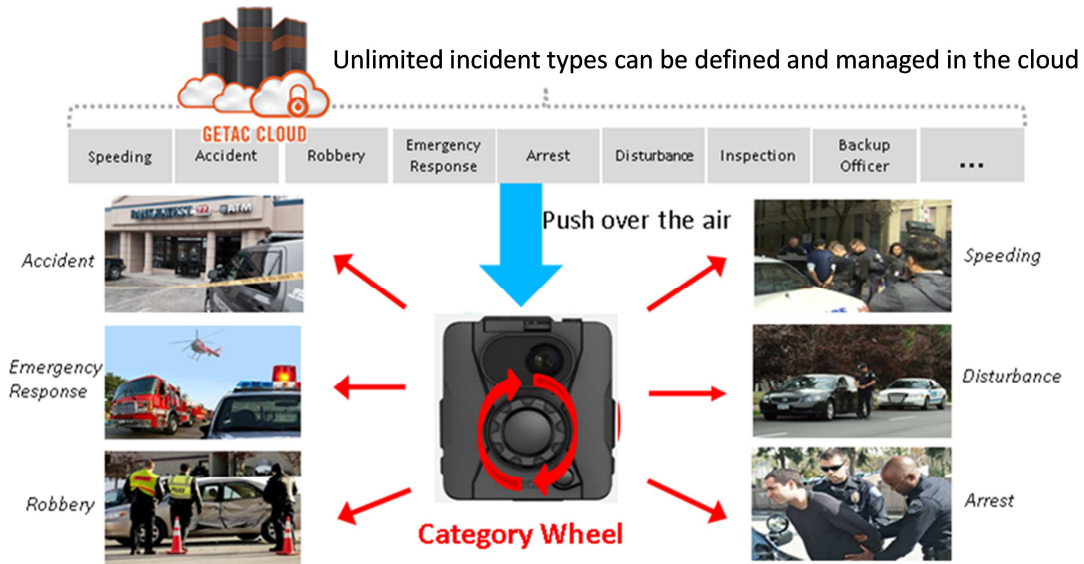
This footage can then be further transmitted to the squad car computer or the police command center to be viewed by the commanding officer.



6.3. Instant tag

Turning the Dial allows officers to classify incidents into one of 64 different preset classifications for quicker and easier access.

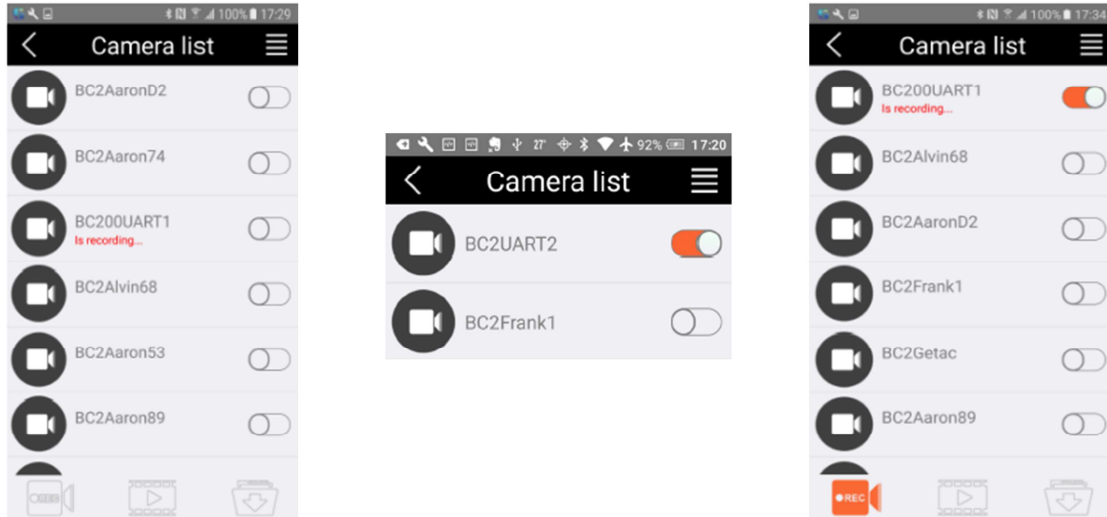
The 64 preset BWC evidence categories can be specified for each department.



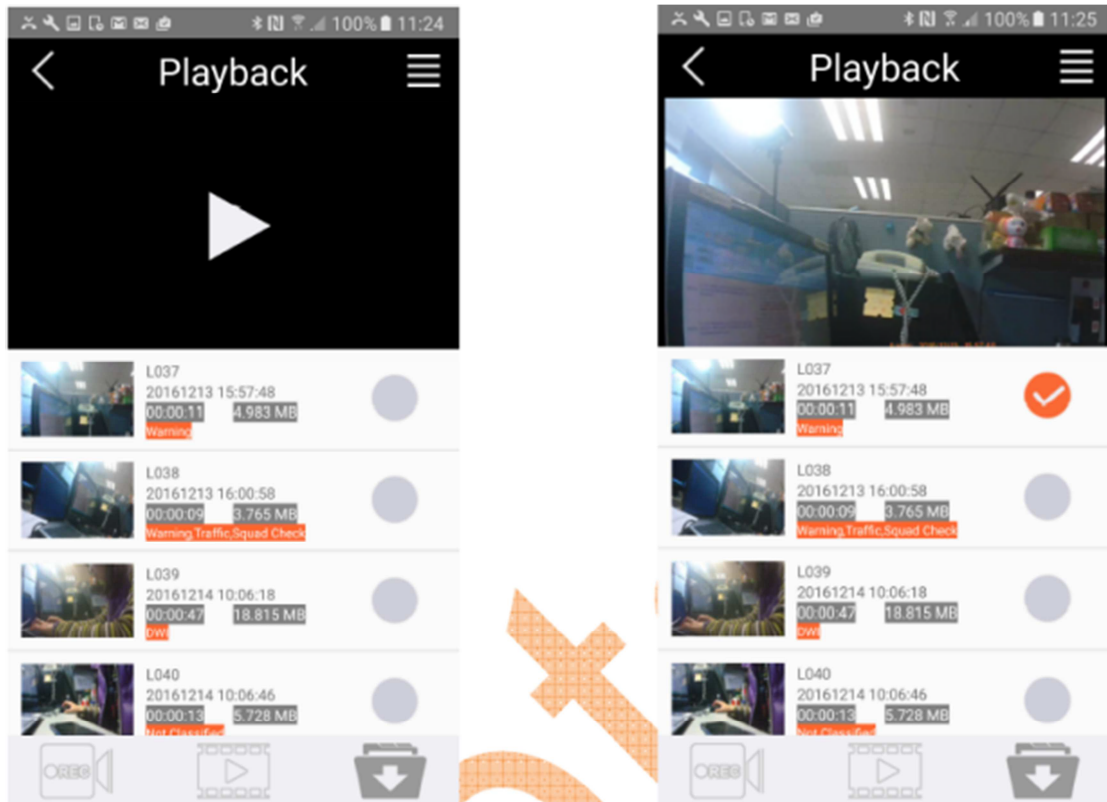
6.4. Mobile APP

With the mobile Getac BWC App, Police officers can perform video playback and categorize the videos. Videos are not downloaded, but merely played off the BWC.

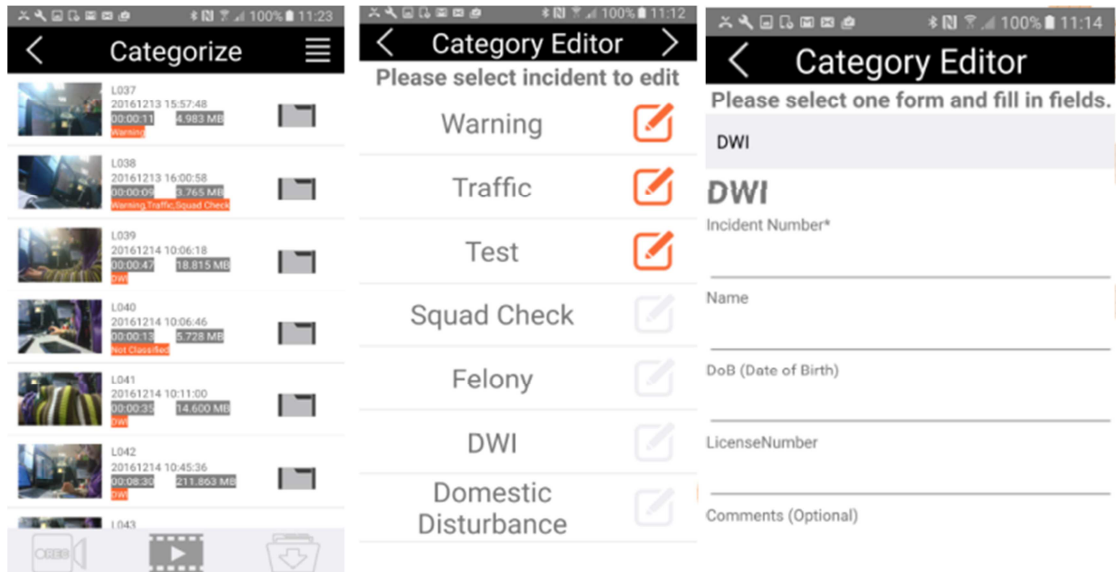
6.4.1. Remote Recording



6.4.2. Video Playback



6.4.3. Instant Category



Chapter 7: Troubleshooting

If your issue is more detailed and has not been covered here, please check the rest of the website to see if it has been answered.

<http://us.getac.com/index.html>

If you need assistance with any of the steps, or you cannot resolve your issue, please contact a member of Getac Technology for further help.

Chapter 8: Regulatory Information

NOTE: Marking labels located on the exterior of your device indicate the regulations that your model complies with. Please check the marking labels on your device and refer to the corresponding statements in this chapter. Some notices apply to specific models only.

Regulations Statements

USA Class B Regulations

Federal Communications Commission Radio Frequency Interference Statement

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Please note: The use of a non-shielded interface cable with this equipment is prohibited.

Company name: Getac Video Solution Inc.

USA Address: Suite 460, 3600 American West Blvd. Bloomington, MN 55431

USA Phone: 833-820-5172

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Industry Canada Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- 1) this device may not cause interference, and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1) l'appareil ne doit pas produire de brouillage, et
- 2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter, except tested built-in radios.

Cet appareil et son antenne ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur, exception faites des radios intégrées qui ont été testées.

The County Code Selection feature is disabled for products marketed in the US/Canada.

La fonction de sélection de l'indicatif du pays est désactivée pour les produits commercialisés aux États-Unis et au Canada.

CAN ICES-3 (A)/NMB-3(A)