

GV-BWC Body Worn Camera



Introduction

GV-BWC is an advanced, industrial-grade 4G body-worn camera designed for law enforcement, security personnel, and smart construction sites. It features 2K HD resolution, real-time live streaming with low latency, and rugged IP68 waterproofing design.

Key Specifications & Features

- **Video & Resolution:** Captures footage at up to 2560 × 1440 (2K) at 30 fps with anti-shake technology.
- **Connectivity:** Equipped with 4G LTE, Wi-Fi, Bluetooth, and built-in GPS for real-time location mapping.
- **Battery Life:** Uses replaceable dual 3200 mAh batteries, delivering approximately 10 hours of continuous field operation per battery.
- **Durability:** Rated IP68 for complete water and dust resistance, with military-grade drop protection up to 2 meters.
- **Display:** Features a 3.1-inch touchscreen for on-site control and instant video playback.
- **Software Integration:** Seamlessly integrates with GV-VMS and GV-Cloud for centralized video management and storage.

Specifications

System		Android 12
Storage	System Memory	32 GB + 3 GB
	TF-Card	16-256 GB
Processor	CPU	MTK6769
Camera	Sensor	Sony 335
	Front Camera	5 MP
	Rear camera	2 MP
Lights	Infrared Lamp	Supported, 2
	White light	Supported
	Laser lamp	Supported
	Work light	Supported
Protection Grade	IP Grade	IP68
	Anti-Drop	2 meters
Display	LCD	TFT 3.1-inch touch screen with resolution of 480 x 800
	touchable	Supported
	Language	English and Chinese or customized
	Device watermark	Device ID, latitude and longitude, time and date
Video parameters	Recording Resolution	30 fps at 2560 x 1440, 2340 x 1296, 1920 x 1080, 1280 x 720, 720 x 480
	Camera Resolution	Maximum Supported 2560 x 1920
	Video Coding	H.265, H.264
	Video Encryption	AES256
	Video Format	MP4
	Audio Format	AAC & MP3
	Photo Format	JPEG
	Snapshot	Supported
	Recording clips	1, 5, 10, 15, 20, 25, or 30 min
	Pre-Recording	0, 30, 60, 120, or 180 sec
	Post Recording	0-180 sec
	IR Switch	Auto/Manual
	IR Distance	10 meters with clear image or video at 6 meters
Wireless Parameters	4G LTE FDD	- GSM: 3, 5, 8 - WCDMA: 1, 4, 5, 8 - TD: 34, 39 - FDD-LTE: 1, 3, 4, 5, 7, 8, 20, 28 - TDD: 38, 39, 40, 41
	Wi-Fi	802.11b/g/n/ac, AP/Station Mode
	GPS	GPS + AGPS + GLONASS
	Bluetooth	Bluetooth 4.0
	NFC	Optional
Data Interface		Type-C, USB 2.0, Wireless (4G, Wi-Fi, Bluetooth) to CMS or station
Mic & Speaker		Front microphone, Bottom noise reduction microphone & Speaker (1.5 W)
Performance	Battery	Replaceable, 3200 mAh
	Working Time	≥10 h (turn on recording at 1080p)
	Charging Time	3 Hours
	Working Temperature	- 20 ~ 60°C (-4 ~ 140 °F)

Vehicle bracket	Optional
Clip	360° rotatable metal clip
Dimensions (L × W × D)	100 x 60 x 26 mm (3.94 × 2.36 × 1.02 in)
Net Weight	166 g

Note: All specifications are subject to change without notice.

Packing List

1. GV-BWC Camera
2. Shirt-Mount Clip
3. Camera and Battery Charging Dock
4. Battery x 2

Accessories

Name	Details
Shoulder Harness	The harness ensures a secure, ergonomic fit for all-day comfort and stability. The leather/synthetic triangular pad features a clip and magnetic mount, allowing a body-worn camera to attach securely to a vest, harness, or uniform.
Vest-Mount Pad	The leather/synthetic triangular pad features a clip and magnetic mount, allowing a body-worn camera to attach securely to a vest, harness, or uniform. **The Vest-Mount Pad must work with Shoulder Harness.**

Overview



PTT (Push-to-Talk) Button: Direct Messaging or Group Intercom