



AY-BC-4G-132
AY-BC-4G-164
AY-BC-4G-1128

Introduction :

AY-BC-4G Body Worn Camera is the latest Law enforcement on site recording product, Product adopts Ambar Processor and embedded realtime operating system,Collect HD Video ,Audio, 4G Wireless communication module, GPS, Storage, Alarm and other module, Can be Widely Used in Police, Procuratorate, Court,Judiciary, Armed Police, Industry and Commerce, Taxation, and other Law enforcement Agencies,Law enforcer use the device recording the on site situation in real time, Collect Evidence, Standardize Law behavior, It can realize real time video and audio information transmission, Voice Intercom,PTT cluster intercom function via 3G/4G Wireless networks,The powerful monitoring and dispatching command platform system realizes the remote dispatch command function for outdoor mobile individuals.

Feature :

1. Adopt Ambarella (Ambar A12) Chipset, Outstanding Video Recording, Stable Product Operation, with HD ,low illumination Industrial level 1/3 CMOS Sensor, Image excellent, and color the more real.
2. Using Embedded Realtime operating system and linux dual system, Device fast Restart, stale for system runing, More powerful, can effectively prevent Viruses and other intrusion system.
3. Professional Waterproof and dustproof design, IP67 Waterproof Rating can effectively prevent entry of rain and dust.



4. Industrial grade plastic and structural design, bare metal can withstand 2.5meters free fall, Fuselage and data will not be damaged.
5. FHD 1080P,30FPS Recording, H264 Encoding,Using Ambarella Smart super low stream design to reduce storage capacity.
6. PictureTaken 1200W Megapixel, JPEG Format.
7. HD 2.0inch Display,Diagonal ≥ 52 mm, Optianal for OFF screen.
8. Built in Full Netcom 4G module, Support WiFi Wireless Transmission, Can connect Platform for Centralized Monitoring.
9. Built in WiFi Module, Support WiFi Wireless Transmission(Optional).
10. Built in GPS or BD(Optional) Positioning Module to support Platform device Positioning and Trace playback.
11. Support two way audio between device and platform, Support PTT Cluster Intercom.
12. Super Fast device system opening. <3 From power up to Full function Recording.
13. Emergency Alarm Function, Support long press alarm button and Send alarm information Platform.
14. Large Aperture Lens Design, 130° wide angle lens can not only guarantee dynamic High information Wide angle recording ,but also ensure clear images when static.
15. Dual Microphone Design, High Sensitivity,High Signal Noise Ratio Recording function.
16. Top humanized “Power””work”indicator lights bring more convenience to law enforcement.
17. “Laser Positioning ” Design to ensure video footage dont shift,Law enforcement evidence is clear and effective.
18. Bottom Multi Function Interface(Optional for external charging base and camera),Mini Usb interface for charging and transmitting data.
19. One Key Operationi,Recording/Voice Record/Photographing etc. All support one key Operation, and you can quickly video and audio data which device receorded and taken.
20. With Auto or Manual Infrared Night Vision function, Built in Two high power Infrared Light power, After turning on the night vision, You can see facial Features of person 8meters away from prototype, and can see body contour at 15meters away from prototype.



- 21. One key Recording function, In the off status, According to sudden situation of law enforcement, one key one enter recording status to ensure that no law enforcement data is missed.
- 22. Large Capacity Battery Design, Support for continuous recording 6hours (3.5hours for 4G Status)
- 23. Low Power design, Device recording power consumption <0.9W
- 24. Support Bluetooth Headset, More flexible and comfortable for Wearing (Optional)
- 25. EXternal Camera, can support digital 1080P HD lens (Optional)
- 26. Based: Device is equipped with a special base that can be used to charge and transmit data.
- 27. Adopt advance encryption technology, Equipped with a complete device PC Management Software, Synchronized date, one key to upload data to ensure data security and hierarchical management.

Application

Traffic Police, Patrol, City Inspectors,Coastal Defense, Armed Police,Insurance, Fire protection, Electric Power,Medical Care, Emergency Rescue and other fields.

Parameters

Opertation System	RTOS + Linux dual system	
VideoAudio Input	Video Compression Standard	H.264
	Video Compression Format	MP4
	Audio Compression Standard	G711/ADPCM/AAC
	Audio input	Dual Microphone



Encoding	Video Encoding	1080P/720P/VGA
	Resolution	
Compression	Video Frame Rate	1080p@30fps/720p@30fps
	Video Code Rate	High/Middle/ Low can be set
GPS	Built in GPS or BD	
Storage	type	microSD(TF) Card
	Max Storage	32GB/64GB/128G
Wireless Connection	3G/4G Network	TD-SCDMA / EVDO / WCDMA / LTE-TDD FDD
	WiFi Network(optional)	Support 802.11b/g Protocol, 2.4GHz
	WiFi Encryption	(WPA, WPA2, WEP encryption protocol)
	Interface	Mini USB/30 Pin Interface
Other Parameters	LED Indicator	High Brightness LED
	White Balance	Support
	Auxiliary Light Source	IR Supplement Light, Highlight Led Flash, Laser Positioning
	Log Function	Support
	Working Temperature	-20°C ~ +60°C



Other Parameters	Storage Temperature	-40°C ~ +70°C
	Operating Humidity	40%--90%
	Battery	4000 mAh
	Continuous	>4hours
	Working Time	
	Protection Level	IP67
	Drop protection	2.5meters
	Weight	160g
	Charger Base	Support ,Charge and transmit data
	Device Size	85*61*31mm

Memory

Model No.	AY-BC-4G-132	AY-BC-4G-164	AY-BC-4G-1128
Memory	32 GB	64 GB	128 GB