

Police Body Worn Camera



Model: B7

System	Processor	Ambarella H22
	Operating system	Linux 4.19.63
	Boot up time	< 3 seconds
	Language	English / Thailand / Chinese/ Russian / Korean
Video	Video input	From 1x built-in digital high-definition Len
	Image Sensor	GC4653 2M CMOS image sensor
	LCD panel	2-inch LED backlight LCD display (Resolution 480x320)
	Video resolution	2560x1440 30fps /2304x1296 30fps/ 1920x1080 30fps /1280x72030fps / 848x480 30fps
	Frame rate	30 fps @ (1080p /1296p/1440p)
	Video mode	Video and audio simultaneous recording
	Video compression	MP4 (H.264 or H.265)
	Video file protection	Password protection for USB transfer file and playback file, user cannot delete file inside BWC.
	Pre-record	1080p @ H.264 Max Pre-Record 34 seconds. 1080p @ H.265 Max Pre-Record 61 seconds.
	Post-record	1080p @ H.264 Max Post-Record 34 seconds. 1080p @ H.265 Max Post-Record 61 seconds.
Audio	audio input	1x internal microphone
	audio interface	1x loudspeaker
	recording	Support separate recording, the audio file format is WAV
	audio compression	AAC
Image processing and storage	Photograph	5M/12M/20M/25M/30M Pixels
	Capture	Support capture in video recording state (photo resolution is equal to video resolution)
	Data storage	Built-in 64GB MicroSD card (Optional 128GB to 512GB)
Auxiliary light source	White light torch	Auxiliary Law Enforcement Lighting
	Infrared mode	In low light condition, the infrared light can be turned on automatically or manually to enhance the shooting effect (the target features (e.g. human face) can be recorded clearly from more than 7 meters away)
Lens	camera angle Field of view	125 ° (HOV), 150 ° (FOV)
Communication Interface	USB	1x USB 2.0 Type-C port, can be used for system upgrade, PC communication, battery charging, etc.
Network collection	Network Docking Station	Support connecting Gigabit network docking station to upload audio and video files directly to the cloud server and managed by DEM and CDEM software

Software information	Text overlay on top of video	Support overlay date/ time, device ID number, law enforcement personnel ID number overlay on top of video
	Auto overwrite	Support video recording automatic overwrite oldest file by newest file or no overwrite
	Image playback	Support local playback of video, retrieve video files by time, alarm, etc.
	Playback speed	Support fast /slow playback 1x, 2x, 4x, 8x, 16x, 32x up to 128x times accelerate / decelerate playback
	Distortion	Supports distortion correction for distorted images
	Security mode	The security mode is limited to basic operations such as video recording, photo taking, and audio recording, and a password is required to enter the setting interface, USB transfer file mode, and playback interface
	Log	Record key operation, setting change, recording on and off, alarm and other information into log files
Supporting software	PC Playback Analysis	Play back video files on the PC side and analyze the data information in the files at the same time. Support DEM and CDEM software
Software upgrade	Software maintenance	This BWC supports upgrade internal software via USB interface
Working environment	Operation temperature	- 20 °C to 60 °C
	Storage temperature	- 30 °C to 70 °C
	Operation humidity	10% to 80%
Others	Time sync	Support computer/docking station time synchronization
	Restore default	Can restore default factory settings
	Indicator light	Charging, idle, video, photo, audio recording
	Battery capacity	3100 mAh built-in non-removable battery, can support 1080p@30fps continuously video recording up to 11 hours
	Battery Low Alert	Voice alert for battery low
	IP protection	IP67
	Dimension	76.6 x 58 x 30.3mm
	Weight	About 138g

Buttons Function Diagram

