



KBC-100

Body Worn Camera



OVERVIEW

KBC -100 is a body camera designed by Kytratech Company in Canada for public safety or even some professional industries, which keeps recording extra-sharp, rock-steady videos on the scene with a border horizon for up to 12 hours, day or night. It can upload the captured videos, audios and photos to the control center in real time over the 4G/5G network.

KBC-100 can be used as a push-to-talk over Cellular Radio, allowing you to make a train-loud and crystal-clear voice call quickly just with one press of the PTT key.

Moreover, KBC-100 provides NFC-enabled ID switch, multi-scene aware, and more purpose-built design, helping better manage the body camera and the captured evidence, and ensure camera security and officer safety.

HIGHLIGHTS



130° Ultra-Wide FOV

Get much more crucial elements and surroundings of a scene into the frame, helping completely present how incidents unfolded.



Be a Cellular Radio

Communicate with an individual or group while recording just by pressing the easy-to-locate, large PTT key. No need to carry an extra radio.



NFC-enabled ID Switch

Bind KBC-100 with your officer ID just by a tap, bringing a faster and more secure experience.



Two Batteries

One is the 3,200 mAh main battery for up to 12-hour continuous recording, and the other is the built-in backup battery powering the ongoing recording for 3 to 5 minutes in case of a power-loss, e. g. main battery replacement. Zero downtime without compromise.



Intelligent Scene Detection

Precisely sense unauthorized dismantling, long-time standstill, camera blocked, or man down, and then automatically send an alarm to the control center and initiate a recording with a tag for incident tracking.



Slide to Record, Quick and Right

The intuitive sliding switch makes recording activation easier than ever. Its changes of physical position help officers effortlessly know whether the recording is on or off, even in intense, stressful situations.



Rock-steady Videos

Take supremely stable, blur-free shots even in high-speed motions, thanks to the image stabilization algorithm.



Loud and Clear Audio

Make every conversation clearer and louder than ever - with the two built-in 1.5-watt speakers, innovative design for acoustic cavity, and dual-mic noise cancellation algorithm.



Fast Data Collecting, Fast Charging

With the brand-new USB Type-C 3.0, you can drop multiple KBC-100 body cameras into the multi-unit charger for fast data collection or charging in batches. The powerful port and charger help take your work efficiency to a new level.



Reliable Above Spec

Certified with MIL-STD-810H, CE and IP67, KBC-100 is protected from sudden drops, water, dust and any other harsh environments.

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SPECIFICATIONS

Parameter	KBC-100
Dimensions (H x W x D)	103x56x34mm
Weight	162g (with battery)
Screen	LED Touch Screen 2.4-inch, High Resolution
Storage Capacity	32GB / 64GB / 128GB / 256GB
Battery Capacity	3200 mAh
Night Vision	Infrared Night Vision up to 10m
Field of View	130°
Image Stabilization	Electronic Image Stabilization (EIS)
Focus range	0.5m to infinity
Video Resolution	2560x1440 pixels@30fps, 1920x1080 pixels@30fps, 1280x720 pixels@30fps, 720x480 pixels@30fps
Video File Format	MP4
Video Compression	H.264/H.265
Camera Resolution	Up to 16MP
Photo Resolution	Up to 36MP
Photo File Format	JPG
Audio File Format	AAC
Audio	Built-in dual microphones with DSP noise reduction technology to capture environmental sounds Built-in dual speakers (1.5W) to play alert sounds, call sounds or video sounds
Microphone sensitivity	-38 dB @ 1kHz
Quick review video	2x, 4x, 8x, 16x
File Encryption	Support AES-256bit
WLAN	802.11 a/b/g/n/ac
BT	BT 5.1, Supporting BLE
Digital Map	Compatible with popular digital map services, including OpenStreetMap (OSM), Bing Map, and Google Map
Positioning	GPS / BDS / GLONASS / AGPS
Protection	Supports password settings for: - User account setup - Downloading and deleting images/videos (Cannot be deleted directly from camera; deletion requires connection to PC and password authentication)
Supported alert types	Mandown, Camera Blocking, Low battery, Leaving area/route
Continuous working time	Up to 12 hours continuous recording (Up to 100 hours in standby mode)
Built-in battery maintains a constant power supply state for battery replacement without shutting down the device	5 minutes
Charging time	2 hours

Parameter	KBC-100
Management via Charging Dock	Support
Online resource management on the map	Support
Create patrol area/route	Support
Review movement history while patrolling	Support
Make PTT calls or video calls between cameras	Support
Talk to other radio systems	Support connect with DMR Trunking Tier 3, P25, Tetra
Create flexible talk groups, video groups	Support
Integrate with offline maps	Support
Enable remote recording and memory wipe	Support
Transmit video streaming (up to Full HD) and audio via 4G/5G	Support
Stun/Revive/Kill BWC from the center	Support
Remote camera control	- Activating recording - Adjust device settings - Communication (allowing 2-way communication between the control room and the user)
Pre-event recording	10/20/30/60/120 s
Post-event recording	10/20/30/60/120 s
Continuous Shoot	Support
Interface	Type-C. Supporting OTG output
NFC	Support
Water and dust proof	IP67
Drop Test Height	2 meters, IK09
Operating Temperature	-20°C to + 60°C
Operating humidity	95% RH
Cellular networks	American Edition: GSM: 850/900/1800/1900 WCDMA: B2/B4/B5/B8 TDD-LTE: B38/B40/B41 FDD-LTE: B2/B3/B4/B5/B7/B12/B13/B17/B26/B28/B66 Asian, European, African Edition: GSM: 850/900/1800/1900 CDMA: BC0 WCDMA: B1/B3/B5/B8 TDD-LTE: B34/B38/B39/B40/B41 FDD-LTE: B1/B3/B5/B7/B8/B20/B26/B28



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