

KBC-300

Body Worn Camera



<https://www.kytratech.com/>

OVERVIEW

KBC-300 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 15 hours, day or night. It can upload the captured videos, audios and photos to the control center in real time over the 4G network.

KBC-300 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-300 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.
-  **Two Batteries**
One is the 3,200 mAh main battery for up to 15-hour continuous recording, and the other is the built-in backup battery powering the ongoing recording for 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-300 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.
-  **NFC-enabled ID Switch**
Bind KBC-300 with your officer ID just by a tap, bringing a faster and more secure experience.
-  **Reliable Above Spec**
Certified with MIL-STD-810H, CE and IP68, KBC-300 is protected from sudden drops, water, dust and any other harsh environments.

SPECIFICATIONS

Parameter	KBC-300
Operating system	Android 11
CPU	8 core 64bit, 2GHz, 11nm
RAM	3 GB
ROM	32 GB
Screen	2.4-inch TFT-LCD color Touch Screen, High resolution
Storage Capacity	64GB / 128GB / 256GB
Battery Capacity	3200 mAh Lithium Built-in backup battery ensures up to 5m minutes of operating time when replacing the main battery
Infrared lamp	Infrared light (Auto/Manual) for night recording
Infrared distance	Up to 10m
Field of View	Diagonal: 130° Horizontal: 122°
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
Sensor	CMOS OS04C10 Rear camera: 4MP Front camera: 2MP
Photo Resolution	Up to 48MP
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
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
Button	On/off, video recording, audio recording, PTT button, Snapshot button, Alarm button, Mark button
Digital Map	Compatible with popular digital map services, including OpenStreetMap (OSM), Bing Map, and Google Map
Positioning	GPS / GLONASS / Galileo
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 15 hours continuous recording (Up to 100 hours in standby mode)
Charging time	3.5 hours
Management via Charging Dock	Support

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Parameter	KBC-300
Online resource management on the map	Support
Create patrol area/route	Support
Review movement history while patrolling	Support
Making PTT/video calls between cameras	Support
Talk to other radio systems	Support connect with DMR Trunking Tier 3, P25, Tetra
Create flexible groups, calls	Support
Integrate with offline maps	Support
Transmit video streaming (up to Full HD) and audio via 4G	Support
Dual streaming	Main streaming for local recording, sub-streaming for live transmission
Stun/Revive/Kill BWC from the center	Support
Pre-event recording	Up to 120 s
Post-event recording	Up to 120 s
User warning	Sound, lights
Continuous Shoot	Support
Display function	User ID, device ID, date and time, GPS coordinates embedded in videos and images
Interface	USB 3.0 Type-C. Supporting OTG output.
NFC	Support
Water and dust proof	IP68
Drop Test Height	2 meters, IK09
Dimensions (H x W x D)	103x56x34mm
Weight	168g
Operating Temperature	-20°C to +60°C
Operating humidity	0-95% 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
Language	English, Vietnamese

ACCESSORIES

Standard



Battery



USB Data Cable



Belt Clip

Optional



Wireless PTT



Multi-Unit Charger



Magnet Mount



Molle Mount



Shoulder Strap



Chest Harness



Car Bracket



Motorcycle Bracket