

ZEPCAM T3 LIVE BODYCAM

DATASHEET
CODE: T3-BC03



zepecam™

PROFESSIONAL BODYCAM SOLUTIONS

Specifications

Main

Functionalities	Recording and/or wireless streaming of video including audio and optionally GPS	
Video resolution	On device recording: 1440P, 1080P, 720P, 360P at 25 or 30 FPS (Frames Per Second) Live streaming: 1080P, 720P, 360P at 25 or 30 FPS (Frames Per Second)	
Video format	MP4 with H264 compression	
Audio format	AAC, LC profile, 16KHz Codec: ES8312	
Connectivity	4G, WiFi and Bluetooth	
Video & optics		
Sensor	Sony IMX sensor Excellent night view & de-warp technology for distortion correction	
Optics	Wide angle,140 degrees diagonal (Diagonal Field of View = 140 degrees, Horizontal Field of View = 122 degrees and Vertical Field of View = 70 degrees)	
Low-light sensitivity	Sensitivity up to 0.1 Lux in night mode	
Video streaming technology	ZEPCAM adaptive streaming technology for secure and superior streaming quality in dynamic wireless networks	
Cameras	In main body and optional external T3 Minicamera including infrared (IR) light in night mode	
Dual recording	Dual stream processing: Highest quality video for on-device recording and dynamic bit streaming for robust live video to central server	
Connectivity		
3G / 4G	Built in LTE-modem Supported bands: FDD LTE: B1/B3/B5/B7/B8/B20 TDD LTE: B38/B40/B41	WCDMA: B1/B5/B8 GSM: 900/1800
WiFi	2.4Ghz & 5Ghz IEEE 802.11a/b/g/n/ac	
Bluetooth	Bluetooth 4.1 for external triggering	
Battery		
Capacity	4200 mAh Lithium Polymer	
Use times	Standby time: Up to 28 hours. Continuous recording: Up to 12 hours. Continuous 4G streaming: Up to 8 hours with strong 4G coverage and up to 4.5 hours with poor 4G signal. Continuous Wi-Fi streaming: Up to 10 hours.	
Charging times	3 hours recharge time from 0% to 80% and 4 hours from 0% to 100% in Docking Station 7 hours recharge time from 0% to 80% and 12 hours from 0% to 100% with USB-C cable	
Charging	Via Single Docking Station, Multi Docking Station or USB-C cable connected to USB Wall Charger	
Interface		
USB connector	USB-C connector for T3 Minicamera and to connect USB cable for charging	
Docking Station connector	For charging, data offload, settings update and firmware update/upgrade	
Various*		
User interface	Main button for intuitive start / stop (even with gloves) recording and or live stream Mode button/ Panic button* to (de)activate Live Mode (streaming) Function assignment Power ON / OFF button	Function Button to assign additional functions, for example enable/disable prerecording and start offload on device recordings via 4G and/or WiFi. LCD screen for status information (not for video playback) like 4G and WiFi connectivity, battery charge, pre-recording enabled or disabled, available free storage space, time and date etc. LED for notification of the public (green: standby, red: streaming) Audio & vibration feedback
Notifications (LED, beep and vibration)	User notifications: start / stop recording, start / stop live streaming, in/out docking station System notifications: reboot, power on / power off Error notifications: e.g. disc full, low battery	Video reminder notifications for recording and / or streaming Video reminder notifications can be set for 30, 60, 120 seconds Notifications can be set to: Disabled / Beep / Vibration / Beep and Vibration
Device settings	Status LED: ON / OFF 4G: ON / OFF Access point settings WiFi: ON / OFF GPS: ON / OFF Prerecording time: 0, 10, 20, 30, 60, 120 sec	Streaming quality (4 levels) Audio recording volume (6 levels) Start / stop recording or streaming with single- or double-tab Bluetooth trigger: ON / OFF Loop recording: ON / OFF Recording mode: Recording only, streaming only, Recording & Streaming (streaming default off), Recording & Streaming (streaming default on) Firmware version

	Frame rate for on-device recordings: 25 / 30 FPS Time zone Streaming / Recording resolution	WiFi settings (SSID) Function Button: Assigning available function to function button
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Specifications

Antenna	High efficiency external 4G antenna for wide range of 4G networks Flexible protective antenna cover SMA connector to use antenna of choice for specific LTE band connection
Storage	64GB (up to 28 hours video footage (720P) on-device storage)
SIM card type	Nano-SIM
Location	Built-in (A)GPS for real-time position and GPS recording for synchronized video/location replay
IP Class	IP68 (1 meter submersion for 1 hour)
Shockproof	Drop tested up to 2m (MIL-STD-810H Method 516.8 Procedure IV)
Casing	Metal frame for ultra-ruggedness, improved connectivity and external heatsink
Temperature	-30C to +60 C
Humidity	40% to 80%
Size	85x57x30mm (ex. antenna)
Weight	158g excluding antenna and 175g including antenna
Mounts	Flexible, including Klick Fast support Optional: Tilt-stud for optimal bodycam positioning
Docking station	Docking Station (Single, 10 bay). Dock and Go system: Auto offload data and charge. Support of data offload via 4G and WiFi. Secure server connection.
Firmware Updates	Via Docking Stations and over the air (4G / WiFi)
Certifications	CE, FCC, ROHS (2014/65/EU), IP68, MIL-STD-810H Method 516.8 Procedure IV T3: EN55032: 2015 + A11: 2020 EN IEC 61000-3-2:2019 EN61000-3-3: 2013+ A1: 2019 EN55035: 2017+ A11: 2020 In accordance with EMC directive: 2014/30/EU Docking Station: EN 62368-1: 2014 + A11: 2017 In accordance with EMC directive: 2014/53/EU (2014/35/EU is covered under RED. 2014/53/EU) EN 55032: 2015 +A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+ A1: 2019, EN 55035: 2017 +A11: 2020 In accordance with EMC directive: 2014/30/EU Minicamera: EN 55032:2015 +A11: 2020, EN 55035:2017 +A11: 2020 In accordance with EMC directive: 2014/30/EU
Network Architecture	Bodycam acts as a network device for automatic connection to the Zepcam Server or Cloud. Operates without PC/laptop
Security	AES 256 encryption, TLS 1.2/3, HTTPS, AES key encryption with RSA
GDPR	The ZEPCAM Bodycam system features that support GDPR compliance: - Secure end-to-end encryption for transmission and storage - Auditing (logging and reporting) - Definition of roles and rights - Retention setting & archiving - Redaction/blurring and trim functionality - Dynamic User ID - Multi-factor login ZEPCAM is an ISO 27001-2022 certified company with EU based HQ meeting EU GDPR regulations. Software and products are developed with these principles of privacy and security by design and development

Available software

Zepcam Manager	Web-based application for management of recordings, devices, users and livestream viewing, storage on Zepcam server (on premisses) or Zepcam Cloud. Third party integration support via the API
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* New firmware releases will add extra functionalities.