T3 LIVE BODCYAM

INSTRUCTION MANUAL

zepcam™

PROFESSIONAL BODYCAM SOLUTIONS

Welcome!

We hope you will enjoy our product as much as we enjoyed creating it.

Before starting please check:

- The product or packaging is not visibly damaged
- Make sure all the packaging content is complete
- Do not attempt to use the device if there are missing or damaged parts
- Use ZEPCAM certified accessories only

The information contained in this document is subject to change without notice. For questions, please consult our website at **www.zepcam.com/support**
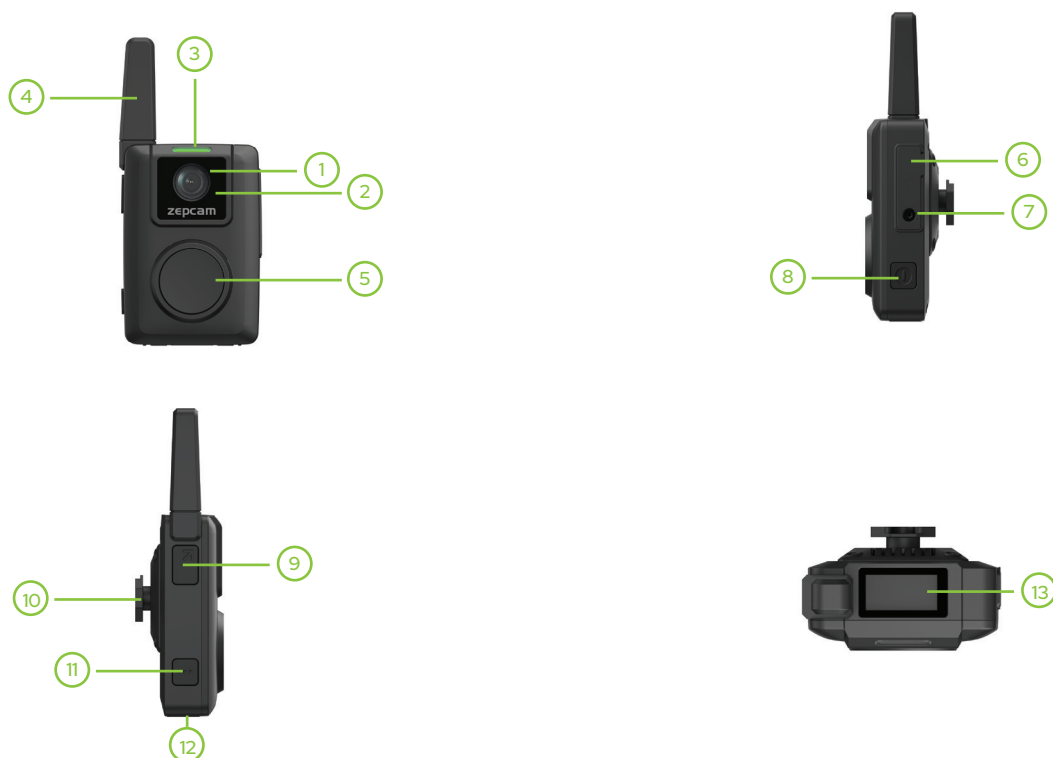
Summary

Product Description

The T3 Live Bodycam allows the user to record video on the bodycam as well as livestream the video via 4G/LTE mobile networks to the central ZEPCAM server. The video with GPS location and metadata can first be stored on the bodycam and later offloaded; it can also be livestreamed directly and centrally viewed immediately. Both types of videos are then stored, reviewed, and managed on the central server or cloud with the ZEPCAM Manager software, in accordance with all applicable privacy laws and regulations. The T3 Live Bodycam is light, easy to use, ruggedised and has a long battery life.

The T3 Live Bodycam

Numeric indicator with explanation:

1. Wide angle lens
2. Microphone
3. LED for status notification to the public
4. External high gain antenna with protective sleeve
5. Start / Stop button for recording and livestreaming (if LIVE mode is set on)
6. USB-C port
7. Rubber lid for access to the USB-C port and the SIM card tray
8. Power button on/off
9. LIVE mode on/off (toggle)
10. Klick Fast fixed stud
11. Programmable button - Not functional yet-
12. Contacts for charge and data transfer
13. LCD screen for status information

Characteristics of the ZEPCAM T3 Live

The status of the T3 is shown on the LCD display.

Wi-Fi Signal strength

LIVE Mode(On/Off)

GPS (grey=no fix, green=fix

Signal strength mobile network, or network connectivity

Battery status

Recording and recording time

● 00:00:005 60/60GB

Local storage

Date and time

2021/12/21-14:09:07

How to Use

Functionalities

The T3 Live Bodycam can be used for recording and livestreaming video. Recorded video is locally stored on the bodycam. Livestreamed video is streamed in real time to the Zepcam server or Cloud and can be viewed using ZEPCAM Manager. The video that is being livestreamed can be of lower quality due to bandwidth limitations of the network. The ZEPCAM system has an automatic bandwidth management system to ensure stream stability and low latency. The bandwidth management system measures network congestion and automatically adjusts the video bitrate. The video that is recorded on-device is always of the highest quality, to ensure the best possible evidence.

The T3 Live Bodycam connects to ZEPCAM Manager to run and manage all aspects of the bodycam operation: devices, users, settings, authorisations, viewing, sharing, and managing videos as (legal) evidence and actionable data for a range of purposes.

LED for status notification

LED status Notification
Off

Description
Power off

	LED status Notification	Description
	LED status Notification Green	**Description** Power on The T3 Live Bodycam is in standby mode
	LED status Notification Green flashing	**Description** Charging
	LED status Notification Red	**Description** The T3 Live Bodycam is recording, and streaming if LIVE mode in set on See status on the LCD display

▪ Start/stop on-device recording

When switched on after pressing the Power on/off button (8), the T3 Live Bodycam is in standby mode. In standby mode, the user can initiate on-device recording.

Note: The recordings are stored on the device and can only be offloaded using a ZEPCAM T3 Docking station.

To start recording:

- Shortly press the Start / Stop button
- User is notified by:
    - red LED
    - a short beep
    - two (2) short vibrations
    - the LCD screen shows a red blinking dot and the recording time

To stop recording:

- Press and hold the Start / Stop button for two (2) seconds
- User is notified by:
    - green LED
    - a short beep
    - two (2) long vibrations

LIVE mode

LIVE mode allows the user livestreaming, i.e. to livestream the same video that is being recorded, in real time to the server via 4G/LTE mobile networks. The settings of the streamed video can be set in ZEPCAM Manager. Please consult the ZEPCAM Manager Manual for the specific steps.

The status of the Live mode is shown on the LCD display.

If LIVE mode is on and the user starts recording, the video is recorded on the device and also livestreamed via 4G/LTE simultaneously to the server.

If LIVE mode is off, the video is not being streamed to the server and is only recording on the device.

When the T3 Live Bodycam is switched on, the LIVE mode is activated by default.

Note: The LIVE mode button (9) works independently from the Start/Stop button (8)

To activate LIVE Mode

- Shortly press the LIVE Mode button
- User is notified by:
  - a single short beep
  - a short vibrations
  - the LCD screen shows the LIVE icon

To deactivate LIVE Mode

- Press and hold the LIVE Mode button for two (2) seconds
- User is notified by:
  - a single short beep
  - a long vibration
  - the LCD screen stops showing the LIVE icon

The picture below shows all possible user combinations. The default mode (when the T3 Live Bodycam is switched on) is highlighted in grey.

STANDBY, ready for RECORDING ON-DEVICE RECORDING=off LIVE mode=off LED: green LIVE-icon: not visible	← → **Press Mode button**	STANDBY, ready for RECORDING and ready for STREAMING (DEFAULT) ON-DEVICE RECORDING=off LIVE mode=on LED: green LIVE-icon: visible
↑ **Press Start / Stop button** ↓		↑ **Press Start / Stop button** ↓
RECORDING ON-DEVICE RECORDING=on LIVE mode=off LED: red LIVE-icon: not visible LCD screen shows a red blinking dot and the recording time	← → **Press Mode button**	RECORDING and STREAMING ON-DEVICE RECORDING=on LIVE mode=on LED: red LIVE-icon: visible LCD screen shows a red blinking dot and the recording time

Get started

Before using the T3 Live Bodycam, make sure to fully charge the battery as the battery is not fully charged for storage reasons. See section Charge the battery. The T3 Live Bodycam has been initialised and configured to work properly with ZEPCAM Manager and needs to also be configured to user or organisational requirements. ZEPCAM Manager offers an extensive number of functionalities to set-up the system. Please consult the ZEPCAM Manager Manual to:

- Verify if the user is defined with an ID-number and login in ZEPCAM Manager
- Verify if the user is assigned with an ID number to the T3 Live Bodycam
- Verify if the T3 Live Bodycam device profile is configured properly, according to requirements
- Verify if the data connection settings of the mobile telecom provider (Access Point Name{APN}) is correct.
- If this is not the case:
- Adjust the APN setting in ZEPCAM Manager (or ask your ZEPCAM Administrator to do so)
- Connect T3 Live Bodycam to the server, see section: Offload recorded bodycam videos

Putting the SIM card into the T3 Live

Note: The nano-SIM card used for the T3 Live Bodycam should be activated, and should not have a PIN code.

1. Make sure the T3 Live Bodycam is switched off
2. Use the Torx screwdriver to remove the screw of the rubber lid and manually remove the rubber
3. Insert the SIM card in the right position (see picture)
4. The SIM clicks into place when the SIM is in a good position
5. Put back the rubber lid and screws with the Torx screwdriver
6. Verify that the rubber lid is properly sealed, to maintain the IP68 waterproof condition of the T3 Live Bodycam

The T3 Live Bodycam should now be able to connect to the server through 4G/LTE mobile networks. Press the Power on/off button (8).

SIM

7. Verify the 4G/LTE connection is operational on the LCD Display:
- The 4G sign should be visible on the LCD display
- The T3 Live Bodycam should be listed in the Live page of ZEPCAM Manager. If it does not work, please contact our support desk: support@zepcam.com

- By default, Wi-Fi is on, as indicated on the LCD display. To connect the T3 Live Bodycam to a Wi-Fi network, please consult the ZEPCAM Manager Manual
- ZEPCAM recommends field testing the T3 Live Bodycam, to verify that all settings are OK

How to wear the T3 Live Bodycam

The T3 Live Bodycam comes with a variety of fixing types to mount on every uniform. Please consult the ZEPCAM Bodycam Accessories at:

zepcam.com/wp-content/uploads/2022/09/Accessories-T2_T3Live-EN.pdf

The most common place to wear the T3 Live Bodycam is on the chest. The ideal location would optimise the dominant hand, the field of view, comfort and will not hinder motion or fall off in any situation.

- To engage the T3 Live Bodycam, insert the bodycam in normal position into the lock on the mount. Ensure the T3 Live Bodycam clicks into place
- To release the T3 Live Bodycam from the mount, hold the T3 Live Bodycam firmly and twist the bodycam 180° (upside down) and push the bodycam upwards

Charge the Battery

The T3 Live Bodycam can be recharged using a USB-C Connector, or by using a T3 Single or Multi Docking Station. It is advised to always recharge the battery fully in order to ensure optimal performance.

Charge using a T3 Docking Station (Single/Multi)

1. Ensure the LED indicator on the T3 Live Bodycam is green or press the Start/Stop button to stop recording (and streaming) to put the bodycam in standby mode
2. Place the T3 Live Bodycam in the Docking Station and ensure the T3 Live Bodycam clicks securely in place
3. Verify the LED is fl ashing green and the battery status indicator on the LCD display shows recharging
4. The battery is fully charged when the green LED stops fl ashing and the battery indicator in the LCD display is fully fi lled

3. Verify the LED is flashing green and the battery status indicator on the LCD display shows recharging
4. The battery is fully charged when the green LED stops flashing and the battery indicator in the LCD display is fully filled

5. If the T3 Docking Station is connected to the network, during recharging the T3 Live Bodycam will also automatically offl oad the recorded videos with its data to the server
6. After recharging, the T3 Live Bodycam will also automatically update its settings and fi rmware from the central server (if available). The end of the installation of updates is marked by two (2) short vibrations, the T3 Live Bodycam will restart and will remain in standby mode in the docking station

▪ Charging using the USB-C Connector

1. Flip the rubber lid aside
2. Connect the USB-C cable to the USB-C port of the T3 Live Bodycam
3. Connect the USB-C cable to a USB wall charger or a USB powerbank. It is recommended to use the original ZEPCAM USB wall charger
4. Verify the LED is green flashing and the battery status indicator on the LCD display shows recharging
5. The battery is fully charged when the green LED stops flashing and the battery indicator in the LCD display is fully filled

   Note: T3 Live Bodycam will not offload data, nor update settings and the firmware via the USB-C port.

▪ Storage

Make sure the battery is not completely depleted before storage. It is recommended to have the battery charged about 50 percent for longer periods of unused storage.

Offload recorded bodycam videos

The T3 Live Bodycam requires a T3 Single or Multi Docking Station to offl oad recorded data (video, audio, GPS, metadata) to the server for storage, replay and evidence management. The T3 Single or Multi Docking Station should have a network (Ethernet) connection with the ZEPCAM Server of Cloud.

Note: It is advised to offl oad the recorded data as soon as possible, to prevent the storage of the T3 Live Bodycam storage from overloading and blocking operations.

Note: T3 Live Bodycam will not offl oad data, nor update settings and the fi rmware via the USB-C port. The battery of the T3 Live Bodycam is being recharged during the offl oading process.

To offl oad the recorded data:

1. Make sure the T3 Live Bodycam is not recording and the LED indicator is green
2. Place the T3 Live Bodycam in the Docking Station and make sure the T3 Live Bodycam has clicked securely in place
3. The LCD display should now show an E-sign for proper connection of the bodycam to the server. If the E is not visible, please contact your IT helpdesk to check the network
4. T3 Live Bodycam automatically starts offl oading the recorded data, the offl oad progress is shown in the LCD screen
5. After fully offl oading, the T3 Live Bodycam will continue to be charged by the docking station
6. Furthermore, any fi rmware updates or new bodycam settings are automatically uploaded on the empty and recharged bodycam. The end of the installation of updates is marked by two (2) short vibrations, the T3 Live Bodycam will restart and will remain in standby mode in the docking station

Once recorded data (video, audio, GPS, metadata) is completely offloaded to the server, the ZEPCAM system checks the completeness and integrity of the offloaded files. If the check is positive, all completely offloaded video recordings will be permanently deleted from the internal storage the T3 Live Bodycam.

T3 Minicamera

The T3 Minicamera is a small external camera for the T3 Live Bodycam. It is specifically developed for use on a helmet or as a more discrete camera on (light) clothing. The T3 Minicamera is controlled using the buttons of the T3 Live Bodycam.

The T3 Minicamera can be positioned in many ways. Several mount options are provided to accommodate flexible use of the camera.

Note: The T3 Minicamera has no built-in microphone, the microphone of the T3 Live Bodycam remains active and therefore should be carried on the outside of clothing or on a belt.

🟩 How to connect the T3 Minicamera

1. Make sure the T3 Live Bodycam is switched off
2. Use the Torx screwdriver to remove the screw of the rubber lid and manually remove the rubber lid
3. Place the rubber O-ring on the USB-C connector
4. Insert the connector of the T3 Minicamera into the USB-C connector of the T3 Live Bodycam
5. Mount the rubber lid with the 2 screws by using the Torx screwdriver

Note: To disconnect the T3 Minicamera, fi rst switch off the T3 Live Bodycam. If the T3 Minicamera is disconnected while the T3 Live Bodycam is on, no video recordings will be made.

🟩 How to mount the T3 Minicamera

1. Select the appropriate mount for the specific type of use
2. Place the nut in the appropriate side
3. Use the Allen key to tighten the bolt to obtain a suitable friction in movement
4. Place the mount on the surface or clothing
5. For helmet use, use cable guiding to prevent cable damage due to bending

🟩 How to use the T3 Minicamera

1. Once the T3 Minicamera is connected and the bodycam is on in standby, the T3 Live Bodycam will only use the sensor of the T3 Minicamera
2. To use the sensor of the T3 Live Bodycam again, switch off the T3 Live Bodycam, disconnect the T3 Minicamera and switch the power of the T3 Live Bodycam back on
3. The LED on the T3 Minicamera shows green when the T3 Live Bodycam is in turned on and in standby mode
4. The LED on the T3 Minicamera shows red when the T3 Live Bodycam is recording
5. In low-light conditions, the T3 Live Bodycam switches the video settings to Black & White automatically
6. In low-light conditions, the built-in infrared illuminator turns on to produce additional scene lighting