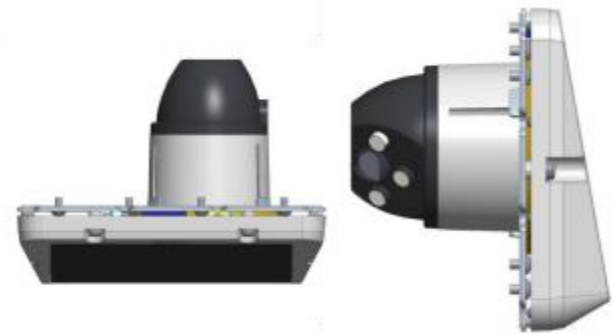


Vehicle/Battery Powered BLE Camera



ZAZU_V2

Ideal for trailers, trucks and containers exposed to the elements, the vehicle-powered or battery powered BLE Camera, equipped with PIR sensor (for detecting human objects) and IR LED (for night vision) is designed to provide images of the inside of the trailer or container which can be used by 3rd party applications to provide volumetric measurements or for storage and later viewing by customers.

The ZAZU_V2 is a high-performance, IP67 rated device. It provides large re-chargeable battery, solar panel for charging and robust housing design with mounting plate for installation. ZAZU_V2 can also be connected to external 12V power for charging or operation.

The ZAZU_V2 comes with pre-configured software to provide image transfer to tracker over BLE. When image transfer is not in progress ZAZU_V2 enters low power state waiting for a connection from the tracker to capture or to update the FW. With 1 image capture per day ZAZU_V2 can operate for more than 6-months without needing re-charging.

HIGHLIGHTS

- BLE 5.0
- Integrated internal BLE antenna
- LED status indicators for BLE, charge, and device status .
- Integrated Camera with IR LED's
- Integrated PIR sensor for human detection
- UART for Programming and Configuration
- IP67 sealed, weather resistant enclosure
- Communication with Tracker over BLE.
- Over-the-air configuration and firmware upgrade



Specifications:

BLE

- BLE 5.0

CAMERA

- Full HD Image sensor
- IR Illuminators
- Configurable Resolution Settings
 - ✓ 960 x 540
 - ✓ 1280 x 720

Wi-Fi

- Wi-Fi scanning

PIR

- sensor for human detection

BATTERY INFORMATION

- Battery Type: Rechargeable battery 4400mAh
- Battery Life: Up to 6 months @ 2 reports per day

ENVIRONMENTAL

- IP67 Rating
- Operation Temperature: -30°C to +75°C
- Storage Temperature: -40°C to +85°C

ELECTRICAL

- Operating Voltage: 8V-32VDC
- On-battery
 - Sleep/Hibernate: <40uA
 - BLE Pairing: 1.3mA
 - Working current 64mA when turn on the camera Typical
- On-12V
 - Sleep/Hibernate <100uA
 - Working current 50mA when turn on the camera Typical

PHYSICAL

- Dimensions: 204mm x 154mm x 123mm
- Weight: 1200g

APPROVALS

- FCC
- IC

ACCESSORIES

- Bracket

FCC Regulations:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with FCC RF Exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for the transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Industry Canada licence -exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement