

K1/K1 Pro/K1 Pro+ Motorcycle Helmet Camera Mesh3.0 Intercom DVR Headset User Manual

1. Product Overview

The EJEAS K1 series (K1/K1 Pro/K1 Pro+) is an integrated motorcycle helmet accessory that combines a 2K 1440P video recorder, Mesh3.0 intercom, Bluetooth headset, FM radio, and other multi-functional features. Designed specifically for motorcycle riders, it provides clear video recording, stable group communication, high-quality audio experience, and reliable waterproof performance, fully meeting the needs of daily riding, team travel, and safety recording. With its compact design, it can be easily installed on various motorcycle helmets, bringing convenience and safety to your riding journey.

2. Key Features

- **High-Definition Video Recording:** Supports 1440P high-definition video recording with a 140° wide-angle lens, capturing every wonderful moment of your ride. Equipped with intelligent anti-shake technology, it ensures stable and clear video quality even during bumpy riding. Loop video recording function automatically covers old files when the storage is full, avoiding missing important footage.
- **Mesh3.0 Intercom System:** Adopts advanced Mesh3.0 technology, enabling stable intercom communication between riders. The operating range can reach up to 1000 meters (open area), supporting multi-person group intercom (the number of connected riders varies by model). It allows seamless communication between team members, making group riding more convenient and safe.
- **Built-in WiFi & App Support:** With built-in WiFi and dedicated App, you can easily connect the device to your smartphone. Through the App, you can view, playback, and share recorded videos in real time, eliminating the need for cumbersome data cables.
- **High-Quality Audio Experience:** Equipped with Sony stereo audio, it delivers clear and immersive music and call effects. Advanced noise control technology effectively filters out wind noise, engine noise, and other environmental noises during riding, ensuring clear communication and audio playback.

- **Multi-Functional Audio:** Supports Bluetooth connection, enabling hands-free phone calls, music sharing, and playback control. Built-in FM radio allows you to listen to your favorite radio stations while riding, enriching your riding experience.
- **Reliable Waterproof Performance:** IP67 waterproof rating, which means it is completely dustproof and can withstand short-term immersion in 1-meter-deep water for 30 minutes. It can easily cope with rainy days, car washing, and other harsh outdoor environments, but please avoid long-term immersion or high-pressure water flushing to prevent damage to the device.
- **Three-Color Lighting:** Equipped with three-color lighting, it can be adjusted according to different riding environments and personal preferences, improving visibility and safety during night riding.
- **Long Battery Life:** Built-in 1500mAh high-capacity battery, providing long-lasting usage time. It supports 30 hours of phone talking, up to 32 hours of Bluetooth usage, 4.5 hours of continuous recording, and up to 500 hours of recording standby time, meeting the needs of long-distance riding.

3. Technical Specifications

Specification Item	Details
Video Resolution	1440P
Wide Angle	140°
Intelligent Anti-shake	Yes
Loop Video Recording	Yes
Built-in WiFi	Yes
Built-in App	Yes
Mesh Intercom Range	Up to 1000 meters (open area)
Bluetooth	Yes
FM Radio	Yes
Playback Control	Yes
Waterproof Rating	IP67

Advanced Noise Control	Yes
Lighting	Three Color
Phone Talking Time	30 hours
Bluetooth Usage Time	Up to 32 hours
Bluetooth Standby Time	12 days
Recording Time	4.5 hours
Recording Standby Time	Up to 500 hours
Battery Capacity	1500mAh
Charging Interface	Type-C
Charging Time	Approximately 2 hours
Power Supply	5V 1A

4. Differences Between K1/K1 Pro/K1 Pro+

Model	Key Differences
EJEAS K1	Supports 4-person MESH intercom
EJEAS K1 Pro	Supports 6-person MESH intercom
EJEAS K1 Pro+	Supports 8-person MESH intercom and comes with a 64GB Micro SD Card (for video storage)

5. Basic Operation Guide

5.1 Charging Operation

1. Use the included Type-C charging cable to connect the device to a 5V 1A charger (do not use a high-power charger to avoid damaging the battery).
2. During charging, the indicator light will show a specific color (please refer to the actual device indicator prompt), and it will turn off or change color when fully charged.
3. The full charging time is approximately 2 hours. It is recommended to disconnect the charger in time after full charging to extend the battery life.

5.2 Power On/Off

1. Power On: Long press the power button for 3 seconds until the indicator light turns on and you hear a prompt sound, indicating that the device is successfully turned on.
2. Power Off: Long press the power button for 3 seconds until the indicator light turns off and you hear a prompt sound, indicating that the device is successfully turned off.

5.3 Mesh Intercom Operation

1. After powering on, the device will automatically enter the Mesh intercom standby mode.
2. Channel Setting: Short press the intercom channel button to switch channels (1-9 optional) to avoid interference from other groups. Confirm the channel after switching to complete the setting.
3. Group Intercom: For K1 (4-person), K1 Pro (6-person), K1 Pro+ (8-person), long press the intercom pairing button for 5 seconds to create a group. Invite other riders to join the same channel, and the connection will be completed automatically after pairing, enabling group intercom.
4. The intercom range is up to 1000 meters in an open area. The range may be reduced in complex environments (such as cities, mountains, etc.).

5.4 Video Recording Operation

1. Short press the recording button once to start video recording, and the indicator light will flash to indicate that recording is in progress.
2. Short press the recording button again to stop recording, and the video will be automatically saved.
3. The loop recording function is enabled by default. When the storage space is full, the device will automatically overwrite the earliest recorded video (excluding locked files) to ensure continuous recording.

5.5 WiFi & App Connection

1. After powering on the device, turn on the built-in WiFi (short press the WiFi button).
2. Open the smartphone WiFi settings, find the device's WiFi signal, and connect (the

default WiFi name and password can be found in the device manual or on the device label).

3. Open the built-in App of the device, log in and connect to the device. You can view, playback, and share recorded videos through the App, and adjust device settings.

5.6 Bluetooth & FM Radio Operation

1. Bluetooth Connection: After powering on, the device will automatically enter the Bluetooth pairing mode. Turn on the smartphone Bluetooth, search for the device name, and connect. After successful connection, you can make hands-free calls, play music, and control playback.

2. FM Radio: Short press the FM button to turn on the FM radio. Short press the channel +/- button to search for radio stations, and long press to adjust the volume.

6. Safety Precautions

- Do not operate the device while riding at high speed to avoid distracted driving and ensure riding safety.
- The device has an IP67 waterproof rating, which can withstand rainy days and short-term immersion, but do not soak it in water for a long time or flush it with high-pressure water, otherwise the waterproof performance may fail.
- Do not disassemble, repair, or modify the device by yourself, otherwise the warranty will be invalid, and it may cause device damage or safety hazards.
- Keep the device away from high temperature, high humidity, and strong magnetic environments to avoid damaging the internal components and battery.
- The battery is a consumable item. If you find that the battery life decreases significantly (such as less than half of the original usage time), please contact the after-sales service to replace the battery.
- When using the device in cold environments, the battery life may decrease, which is a normal phenomenon. It can be restored to normal at room temperature.
- For the K1 Pro+ model, the included 64GB Micro SD card is dedicated to video storage. Do not remove it while recording to avoid data loss.

7. Warranty Policy

1. The EJEAS K1 series products provide a 1-year warranty from the date of purchase. During the warranty period, if the device has quality problems (non-human damage), we will provide free repair or replacement services according to the warranty regulations.

2. The following situations are not covered by the warranty:

- Damage caused by improper operation, man-made damage, or accidental

falling.

- Damage caused by using non-original accessories (such as chargers, data cables).
- Damage caused by soaking in water for a long time, high-pressure water flushing, or other improper use beyond the IP67 waterproof range.
- Damage caused by disassembling, repairing, or modifying the device by yourself.
- Normal wear and tear of the device (such as surface scratches).

3. Warranty Process: If you encounter quality problems during the warranty period, please contact the store where you purchased the product or EJEAS official after-sales service, and provide the purchase certificate (receipt or invoice) to apply for warranty service.

8. Notes

1. The actual usage time of the battery may vary depending on the riding environment, usage frequency, and temperature.
2. The 1000-meter intercom range is the theoretical maximum range in an open area, and the actual range may be affected by environmental factors (such as buildings, mountains, wind speed, etc.).
3. It is recommended to use a high-speed Micro SD card (Class 10 or above) for video storage (K1 and K1 Pro models need to be purchased separately; K1 Pro+ comes with a 64GB Micro SD card).
4. Please update the App to the latest version regularly to experience more functions and optimize performance.
5. If you have any questions about the operation or maintenance of the device, please contact the after-sales service for consultation.