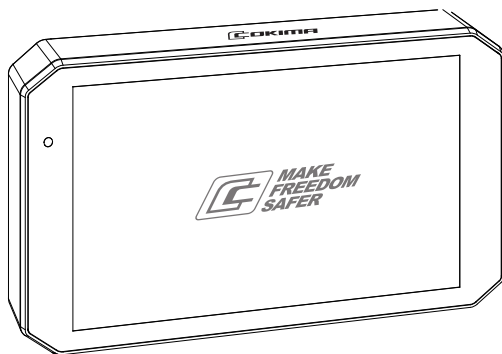




CK3-PLUS

Motorcycle Riding System



User Instruction Manual

COKIMA MOTORCYCLE

Distributed by: AdventureTek LLC.
16192 Coastal Highway, Lewes Delaware 19958, United States



IP67

EN

P01

FR

P18

ES

P34

Product Overview

The Cokima CK3-Plus Motorcycle Riding System features a radar rear view BSD that detects rear blind spots. Equipped with dual 1080p front and rear cameras, it provides high quality photos and records your riding conditions at all times. It supports wireless screen mirroring, tire pressure, and other smart functions to enhance safety and convenience during your rides. With a 5.5 inch high brightness display and high precision GPS satellite positioning, it delivers a smart and seamless riding experience. The host unit is IP67-rated for dust and water resistance, making it resilient in harsh outdoor conditions.

Cokima – Make Freedom Safer.

Main body and accessories



Host X1



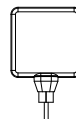
Millimeter wave radar X1



Camera X2



Tire Pressure X2



GPSX1



controller X1



Wiring Harness X1



Power X1



Fixed Base X1



Quick Release Bracket X1



L-Bracket X1



Z-Type Bracket X1



Reducer Ring X4



Storage Card 32G x1

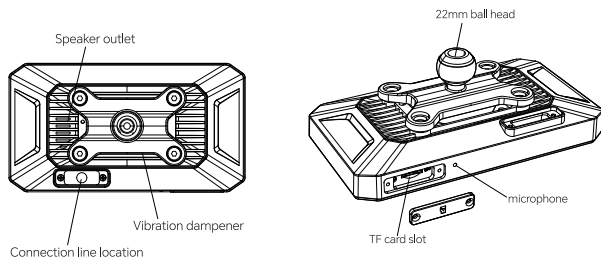


Tools X5

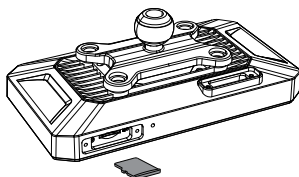


Stickers x2

Parts Details



Installation Guide



TF card installation

[Note]

1. Please use a high-speed TF card (Class 10 or above), with a minimum capacity of 16GB and maximum capacity of 128GB.
2. After installation, please format the TF card before first use.

The product is equipped with a 32GB memory card which is pre-installed in the device at the factory.

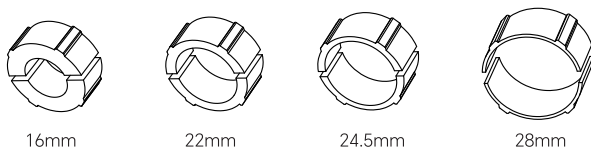
Format TF Card

Host-Settings-Format memory card

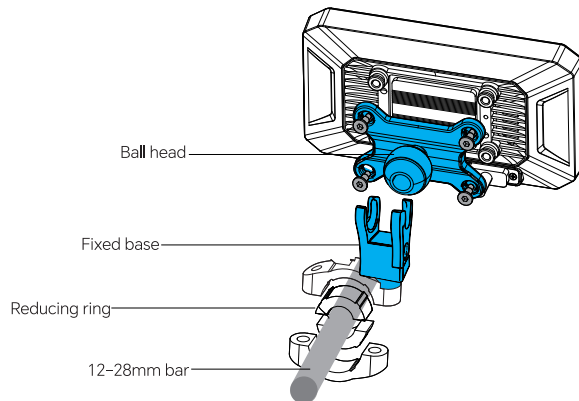
If the motorcycle's vibrations are too strong, the system may mistakenly detect an emergency situation. In such cases, emergency videos will be automatically saved and not overwritten, which can quickly fill up storage space and prevent loop recording. Therefore, it is recommended to delete automatically saved videos or manually format the memory card every three months to ensure proper storage functionality.

Vehicle Installation

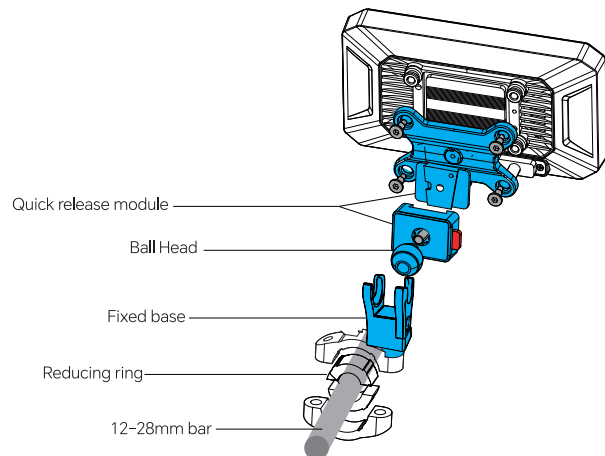
Select the appropriate reducer ring based on the mounting bar



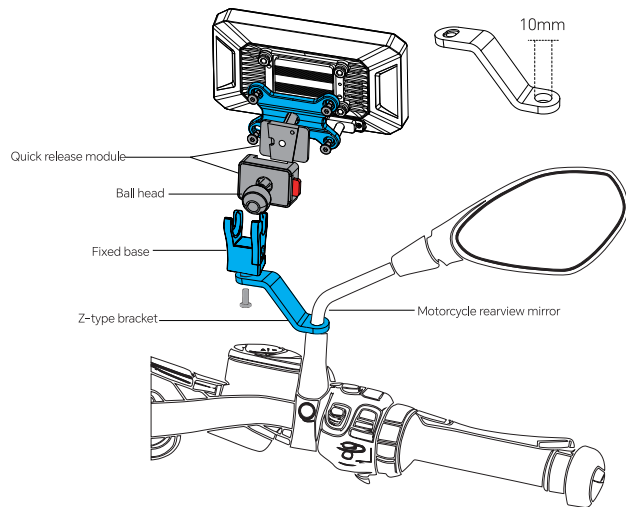
[Ball head bracket installation diagram]



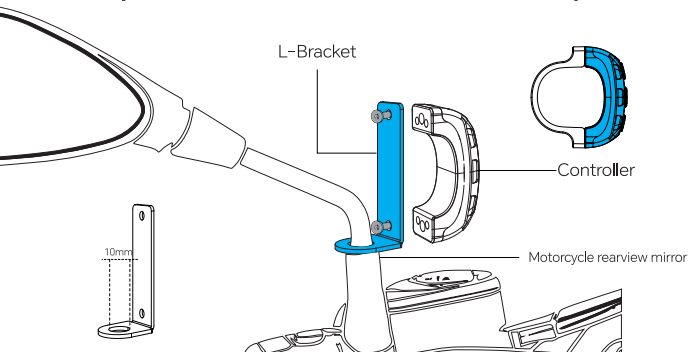
[Quick-release bracket installation diagram]



[Z-type bracket installation diagram]

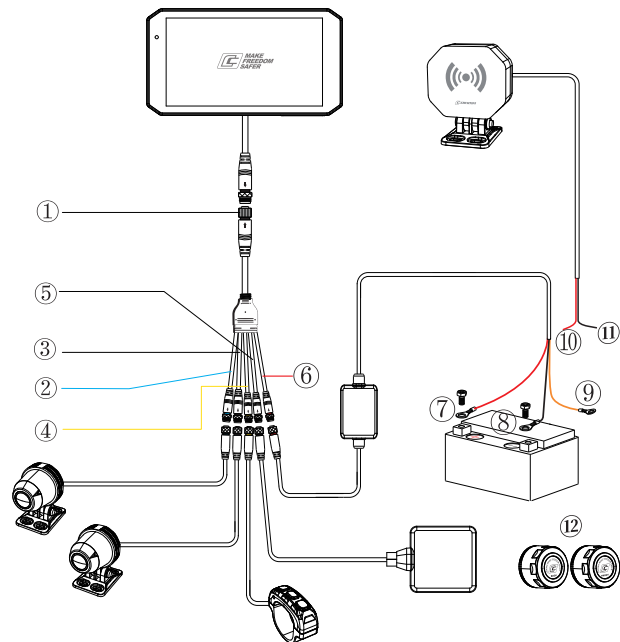


[Illustration of installation of controller on L bracket]



*The displayed angle is illustrative. Set it to your desired position for practical use.

Wiring Diagram



①Wiring harness connects to the host extension cable

②Rear-CH2 cable connects to the rear camera

③Front-CH1 cable connects to the front camera

④Controller cable connects to the controller

⑤GPS cable connects to the GPS

⑥Power cable connects to the host power cable

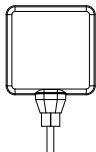
⑦Power cable B+ connects to the positive terminal of the battery

⑧Power cable GND + 11 radar's black (negative) cable connects to the negative terminal of the battery

⑨Power cable ACC + 10 radar's red (positive) cable connects to the battery ACC cable

⑫Front/rear tire pressure sensors. Please install on the corresponding tire.

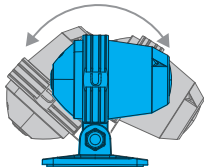
[GPS Installation Notes]



Remove the backing of the 3M adhesive tape and install it onto the bike frame

1. Do not install under carbon fiber parts
2. Cannot be blocked by metal parts
3. Install away from camera, camera wiring and host as possible
4. If GPS cannot receive signal, change the installation location

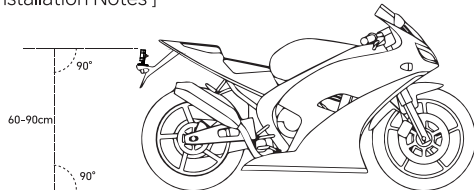
[Camera Installation Notes]



Tear off the backing of the 3M adhesive and stick the front/rear camera to the front/rear of the motorcycle

1. The camera can be rotated 180° forward and backward by loosening the screws.
2. Please adjust the camera arrow mark to face upwards
3. Please clean the surface before applying the adhesive. When attaching, press firmly for at least 10 seconds and let it sit for 30 minutes to ensure the best adhesion.
4. If the camera is installed in reverse, please rotate it 180° and adjust the angle accordingly.

[Radar Installation Notes]



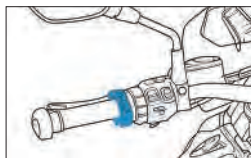
Tear off the backing of the 3M adhesive and install the radar at the rear of the motorcycle. Installation height should be 60~90cm from the ground and the radar should be 90° from the ground.

1. The radar can be rotated 180° forward and backward by loosening the screws.
2. Please wipe the surface of the pasting position. When pasting, press with all your strength for more than ten seconds and let it stand for 30 minutes to ensure the best pasting effect.

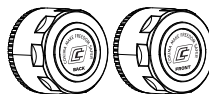
[Wired Controller Installation]

Install on handlebars to operate without needing to take your hands off

1. If the inner diameter is too large, you can stick a gasket on the inner ring of the remote control



[Tire Pressure Installation Precautions]



Battery life: 1 year

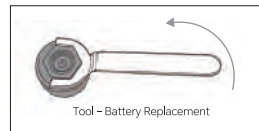
Size parameters: 22.7 x 18.05 mm

Battery replacement: CR1632

Tire pressure monitoring range: 0 to 100 psi (0 to 689 kPa)

Tire temperature monitoring range: -40°C to 125°C

By installing a tire pressure detection sensor, the real-time tire pressure can be read, and a pop-up window will appear when the alarm threshold is reached.



Tool - Battery Replacement



Anti-Theft Nut

Operation and Interface Introduction

Main Interface



1. Date and time
Show date and time
2. Altitude
Show current altitude
3. DVR
Click to enter real-time screen
4. Front tire pressure/temperature
Front tire real-time tire pressure and temperature, click to enter tire pressure setting interface
5. Rear tire pressure/temperature
The rear tire's real-time pressure and temperature data are displayed. Tap to enter the tire pressure settings interface. When the data is abnormal, the tire pressure values will be shown in red.
6. System settings
Enter the car settings page
7. Radar settings
Enter the radar settings page
8. Screen Mirroring
You can choose to project the screen
9. Speed
Show the current vehicle speed
10. GPS, Bluetooth, WiFi, TF card
Show GPS, Bluetooth, WiFi, TF card connection status

Swipe down adjustment interface



- 1 Volume adjustment**
Slide to adjust the volume
- 2 Brightness adjustment**
Slide to adjust the screen brightness
- 3 Auto brightness**
Auto screen brightness can be turned on/off

When using wireless screen mirroring, please adjust the volume/brightness using the virtual keys.

Recorder interface



- 1 Front/rear camera**
Show live feed of front/rear camera
- 2 Take a photo**
Click to take a photo
- 3 Playback**
Playback riding footage
- 4 Lock**
Tap to lock the current video as an emergency video.
- 5 Recorder settings**
Go to the camera settings interface
- 6 Return**
Click to return to the previous interface

Recorder setting interface



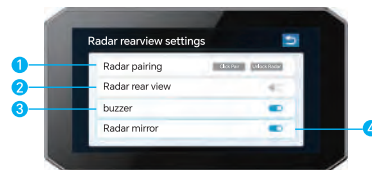
- 1 Video recording duration**
You can set the recording duration of a single video, 1min/2min/3min
- 2 Rear recording settings**
Set the rear camera mirror to correct the reverse preview problem, or set the rear camera mirror to use as a rearview mirror.
- 3 Recording switch**
Turn sound on/off when recording video
- 4 Format memory card**
Confirm formatting will clear all driving images/pictures

3 Sentinel mode

Once enabled, if the vehicle experiences a collision, the video from that time period will be marked with a lock icon and classified as an emergency video.

"When the storage space for regular or emergency videos is full, the system will automatically delete the oldest recorded videos to enable the loop recording function."

Radar settings interface



- 1 Radar pairing**
"Pair/unbind radar devices. Click the pairing button to enter the radar pairing state. Bind according to the ID number displayed in the pop-up window on the left. If the radar ID number is not found for a long time, please restart the device."
- 2 Radar rear view**
Can set the rear camera image to turn on/off when radar warning
- 3 Buzzer**
Set the radar warning buzzer sound on/off
- 4 Radar mirror**
Adjust settings to correct the left-right reversed pop-up issue in radar warnings.

Screen projection interface



- Use an iOS phone to connect to the device Bluetooth (CK3-Plus-xxxx) to enable Apple CarPlay
- Enter the Android Auto interface, turn on the phone Bluetooth, and search for device Bluetooth (CK3-Plus-xxxx)
- Enter the Hicar interface, turn on the phone Bluetooth, and search for device Bluetooth (CK3-Plus-xxxx)

Tire pressure setting interface



1 Front tire pressure/tire temperature data

Displays real-time front tire temperature/tire pressure

2 Rear tire pressure/tire temperature data

Displays real-time rear tire temperature/tire pressure

3 Lock

Click the corresponding button to bind the tire pressure sensor, and you can also unbind it after binding

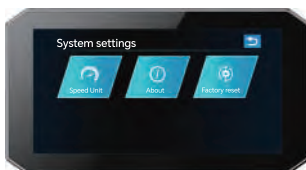
4 Low pressure/high pressure alarm value setting

After setting, when the tire pressure is lower/higher than the set value, a pop-up window will automatically pop up to remind you

5 Tire pressure/tire temperature unit setting

Tire pressure unit options: Bar, Psi Tire temperature unit options: °C, °F

System settings interface



1 Wifi DVR

Download the mobile APP to connect the device WiFi to view the real-time image of the recorder

2 GPS information

Show current latitude/time/direction/speed

3 Tire pressure setting

You can enter the tire pressure setting interface

4 Time and date

Set the current time zone 12/24 hours, adjust the time and date

5 Audio Settings

You can set the audio output to:
Speaker Output / Headphone Output.

6 Language settings

System language can be set

7 Speed unit

Speed unit options: Km/h, MPH

8 About this device

View device version information/mac/Bluetooth name/WiFi name and password

9 Restore factory settings

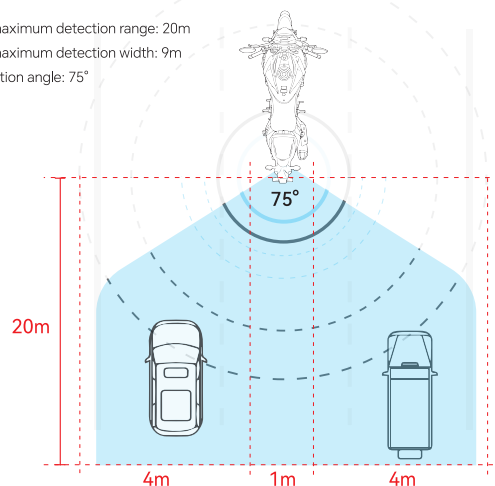
All settings will be restored to default settings

Radar Rear-View Warning

The maximum detection range: 20m

The maximum detection width: 9m

Detection angle: 75°



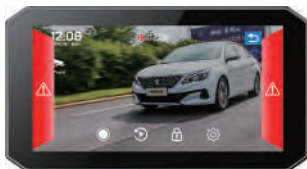
Millimeter-wave radar plays a crucial role in enhancing cycling safety by providing precise rear-view warnings. By emitting and receiving millimeter-wave signals, the radar calculates the distance between the rider and approaching vehicles based on signal propagation time. It continuously monitors the blind spots behind the cyclist to detect incoming traffic.

When a vehicle is detected in the blind spot, the Rear-Radar-Warning Vision (RRV) mode is automatically activated, triggering a series of coordinated alerts to warn the rider:

Visual Alert:	Warning lights on both sides of the bike's display screen flash, ensuring the rider quickly notices the hazard without causing visual distractions.
Audible Alert:	A sharp and highly recognizable beeping sound is emitted to reinforce the warning.
Real-Time Video Feed:	The rear camera automatically activates, providing live footage of the approaching traffic for enhanced situational awareness.

By integrating these multiple alert mechanisms, the radar-based rear-view warning system effectively eliminates blind spots and significantly improves riding safety, even in complex environments or nighttime conditions.

Radar rearview warning-trigger interface



- "When a vehicle appears behind you on the left, the left area will flash red according to the distance between the vehicles, the rear camera feed will show for 3 seconds and a buzzer will sound."
- "When a vehicle appears behind you on the right, the right area will flash red according to the distance between the vehicles, the rear camera feed will show for 3 seconds and a buzzer will sound."
- When a vehicle appears directly behind you, the left and right areas will flash red in sync, and the rear camera feed will show for 3 seconds and a buzzer will sound.

*After the radar warning prompts, if there is a car coming from behind within 10 seconds the default rear camera will not be called up, and only red flashing + beeping will appear

Wired controller button operation



Normal Operation			Incoming call	
Cycle button	Short press	Long press	Short press	Long press
	Main interface/rear camera front camera/Tire pressure	Long press for 5S to turn off the screen/Click again to turn on the screen	End call	/
Camera button	Short press	Long press	Short press	Long press
	Snap photos	Long press 3S to lock the video	Answer call	/
Main interface button	Short press	Long press	Short press	Long press
	Rear camera feed/Screen mirroring interface	Long press for 3S to turn off/on the touch function	/	/

Cokima motonavi APP

1. Scan the QR code to download the "motonavi" APP
2. Follow the APP prompts to "add device".

Fill in the vehicle brand/model/license plate (this step can be skipped).

Scan the QR code to add the "Device Code" (located on the back of the device).

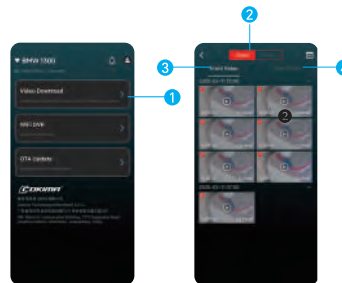
Turn on your phone's WiFi, find the device WiFi "CK3-Plus-xxxx", and connect to it.

You can check the WiFi name and password in System Settings > About Device / WiFi Video.



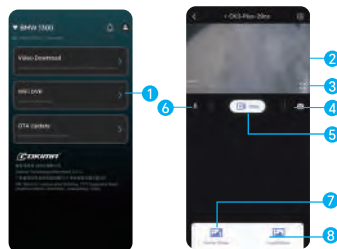
Scan the QR code to download

3. View/download the recorder video



- 1 Video download**
Click to enter the video download or viewing interface
- 2 Video/Picture**
Can switch to view video/picture
- 3 Front camera/front camera picture**
Can view/download video/picture recorded by the front camera
- 4 Rear camera/rear camera picture**
Can view/download video/picture recorded by the rear camera

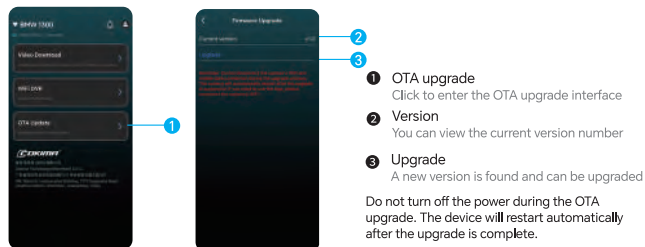
4.Wifi DVR



- 1 WiFi Recorder**
Click to enter the WiFi Recorder interface you can view the real-time footage of the recorder
- 2 Recorder Footage**
Current real-time recorder footage display
- 3 Fullscreen Button**
Click to view the recorder footage in fullscreen
- 4 Switch Button**
Click to switch between front and rear camera views
- 5 Stop or Start Recording**
Click to control the recorder's recording on/off from your phone

- 6 **Sound Toggle**
Click to enable/disable sound recording
- 7 **Device Album**
View recorded videos/images from the recorder
- 8 **Local Album**
View downloaded videos/images

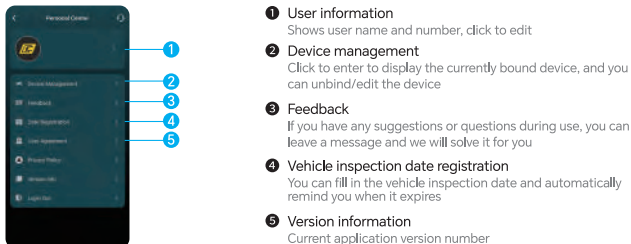
5. OTA upgrade



- 1 **OTA upgrade**
Click to enter the OTA upgrade interface
- 2 **Version**
You can view the current version number
- 3 **Upgrade**
A new version is found and can be upgraded

Do not turn off the power during the OTA upgrade. The device will restart automatically after the upgrade is complete.

6. Personal Center



- 1 **User information**
Shows user name and number, click to edit
- 2 **Device management**
Click to enter to display the currently bound device, and you can unbind/edit the device
- 3 **Feedback**
If you have any suggestions or questions during use, you can leave a message and we will solve it for you
- 4 **Vehicle inspection date registration**
You can fill in the vehicle inspection date and automatically remind you when it expires
- 5 **Version information**
Current application version number

For Video Download, WiFi Dashcam Setup, and OTA Updates, connect to the device's WiFi via the app. Keep the car device on the 'System Settings > WiFi Video' screen to maintain visibility.

Product Features and Specifications

Display Screen	5.5-inch HD Screen (960×480)
Front Camera	AHD 1080p 25fps
Rear Camera	AHD 1080p 25fps
Video File Format	MP4
Image File Format	JPG
Video/Image Codec	H.264/H.265
Loop Recording	Seamless loop recording without frame loss
Front and Rear Dual-Channel Recording	Supported
Built-in Microphone	High-fidelity microphone
Built-in Speaker	4Ω 1.25W
One-Key Mute	Supported
Memory Card	TF Card 16~128GB (Class 10 or higher, genuine card recommended)
Time Watermark	Supported
Language	Supports multiple language switching
Parking Monitoring	Supported
One-Key Lock Function	Supported
G-Sensor	Supported
Wired Control Button	Supported
WiFi	2.4G/5G
Apple CarPlay	Supported
Android Auto	Supported
Huawei HiCar	Supported
WiFi Video	Supported
Motorcycle Navigation	Supported
Millimeter-Wave Radar	Optional
Tire Pressure	Supported
Storage Temperature	-30°C ~ +80°C
Operating Humidity	15~65% RH
Operating Temperature	-20°C ~ +70°C
System Rated Voltage	5V DC (±0.3)
System Static Current	≤1mA
System Operating Current	≤1800mA

FAQ

1. The recorder shows full memory:

1.1. If a new TF card is being used for the first time, the machine will prompt you to format the card. Please follow the prompt and format it. If there is no prompt, format the card manually before use.

Aperçu du produit

Le système de conduite pour moto Cokima CK3-Plus est équipé d'un radar de détection des angles morts (BSD) qui surveille les zones arrière non visibles. Doté de caméras avant et arrière en 1080p, il capture des photos de haute qualité et enregistre en permanence vos conditions de conduite. Il prend en charge la mise en miroir d'écran sans fil, la surveillance de la pression des pneus et d'autres fonctions intelligentes pour améliorer la sécurité et le confort de votre trajet. Avec un écran haute luminosité de 5,5 pouces et un positionnement satellite GPS de haute précision, il offre une expérience de conduite intelligente et fluide. L'unité principale est certifiée IP67 pour sa résistance à la poussière et à l'eau, garantissant sa robustesse dans des conditions extérieures difficiles.

Cokima – Rendez la liberté plus sûre.

Corps principal et accessoires



Unité principale x1



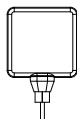
Radar à ondes millimétriques x1



Caméra x2



Capteur de pression des pneus x2



Module GPS x1



Contrôleur x1



Faisceau de câblage x1



Alimentation x1



Base fixe x1



Support à libération rapide x1



Support en L x1



Support en Z x1



Anneau réducteur x4



Carte de stockage 32 Go x1

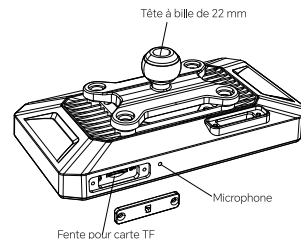
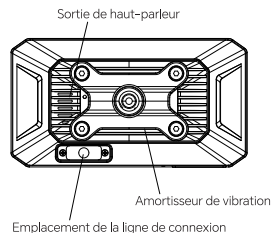


Outils x5

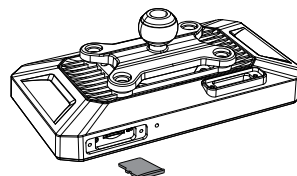


Autocollants x2

Détails des pièces



Guide d'installation



Installation de la carte TF

[Note]

Veillez utiliser une carte TF à haute vitesse (Classe 10 ou supérieure), avec une capacité minimale de 16 Go et une capacité maximale de 128 Go.

Après l'installation, veuillez formater la carte TF avant la première utilisation.

Le produit est équipé d'une carte mémoire de 32 Go, préinstallée dans l'appareil en usine.

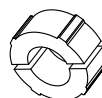
Si les vibrations de la moto sont trop fortes, le système peut détecter à tort une situation d'urgence. Dans de tels cas, les vidéos d'urgence seront automatiquement sauvegardées et ne seront pas écrasées, ce qui peut rapidement remplir l'espace de stockage et empêcher l'enregistrement en boucle. Il est donc recommandé de supprimer les vidéos sauvegardées automatiquement ou de formater manuellement la carte mémoire tous les trois mois pour garantir un bon fonctionnement du stockage.

Formatage de la carte TF

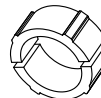
Hôte - Paramètres - Formater la carte mémoire

Installation du véhicule

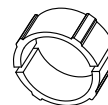
Sélectionnez l'anneau réducteur approprié en fonction de la barre de montage.



16mm



22mm

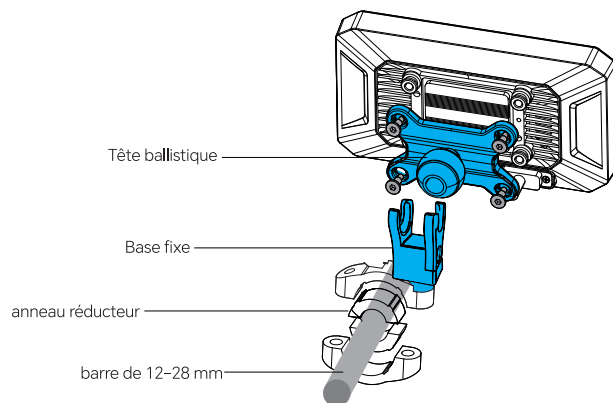


24.5mm

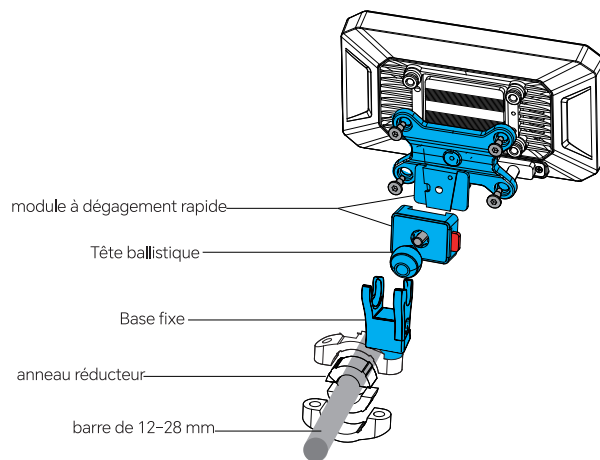


28mm

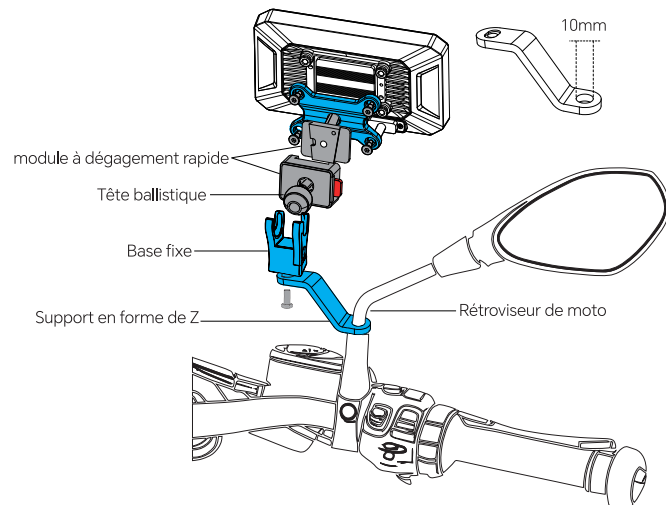
[Diagramme d'installation du support à rotule]



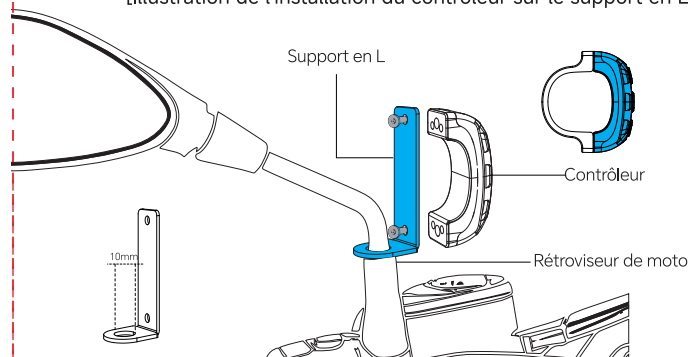
[Diagramme d'installation du support à dégagement rapide]



[Diagramme d'installation du support en forme de Z]



[Illustration de l'installation du contrôleur sur le support en L]



*The displayed angle is illustrative. Set it to your desired position for practical use.