

# WIRELESS KIT

## USER MANUAL

### CAMWBR

Magnetic wireless video camera with integrated battery manageable via App



# MACROM

## Installation

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- Before completing the installation, temporarily connect the wiring and make sure it works properly.
- Use only the parts included with the unit to ensure proper installation. Using parts not included in the package may cause malfunctions.
- Avoid installing the unit in places subject to high temperatures, such as direct sunlight, hot air, or where it would be subject to dust dirt or excessive vibration.
- Be sure to remove the front protective film after installing the unit.

### Magnetic camera installation

Choose the position of the camera on the vehicle and make sure that the surface on which it will be placed is metal.

To ensure proper adhesion, do not place the camera on uneven or rough surfaces.

However, it is good practice to clean the surface before applying the magnetic camera.



## APP Installation

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Before using the videocamera, you need to install the AI CAM application on the smartphone you want to use for viewing images.

Scan the QR code with QR Scanner or another app, open the link in your web browser, then download it via the App Store or Google Play and proceed with the installation.



Application  
AI CAM



Available on the  
App Store



ANDROID APP ON  
Google play

Smartphone requirements:

Compatibility with iPhone iOS 10.1 or later required.

Compatibility with Android OS 4.0.3 or later required.

## Connections

### WiFi antennas

1. Connect the WiFi antennas paying attention to the operating frequency shown on the antenna ( A ) 2.4Ghz, ( B ) 433Mhz.



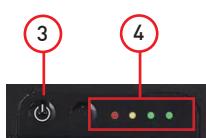
### Power Supply

1. To charge the battery of the camera it is necessary to connect the USB type C to a charger with an output voltage of DC 5V and a current of 2A.

**NOTE:** Before using the camera, make sure it is fully charged  
Charging time may vary depending on the actual charge of the product.  
Maximum recharge time about 9 hours.  
The battery charger is not supplied.

### Power button and charging indicators

2. On the side of the video camera you will find the Power button and battery charge indicators.
3. Power button (On/Off)
4. Battery charge indicators 25%-50%-75%-100%



# Wi-Fi Connection

## Connection

1. Access the Wifi settings of the smartphone and select the Wifi network generated by the "AICAM" camera

Default WiFi name: AI CAM\_\*\*\*

Note:

Default WiFi name: AI CAM\_\*\*\*

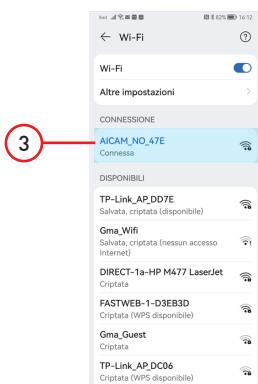
The first wifi connection requires a password consisting of "88886666", while subsequent wifi connections do not require a password.



2. Press CONNECT to proceed with connecting the smartphone to the camera.



3. Confirm connection made.



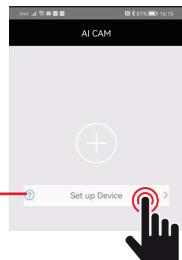
# Connection to the device

## Device selection

1. Open the AI CAM application to access the settings

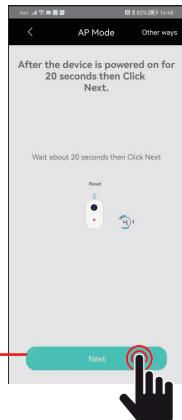


2. Select the device you want to connect to your smartphone via "Setup Device"



3. After selecting the camera, wait for 20 seconds for the connection settings to be defined.

Press NEXT to continue the connection.



4. Confirm the selection of the camera you want to view on your smartphone.



5. The smartphone display will show you the video camera image.



### Note:

If the rear view camera goes out of range of the Wifi network generated by the smartphone, it is necessary to repeat the operations described above.

### Note:

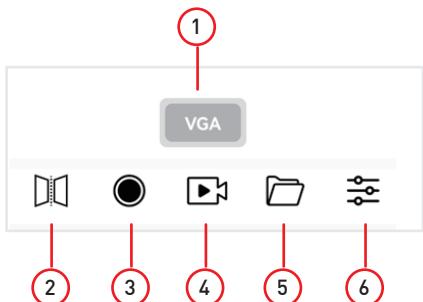
The distance may vary according to the power of the smartphone's Wifi module.

First of all, check that the Wifi network is connected before connecting with the smartphone.

# Camera settings

## Main menu

1. Resolution VGA / HD
2. Mirror image rotation
3. Image shot
4. Video recording
5. Folder containing videos and pictures
6. Custom settings

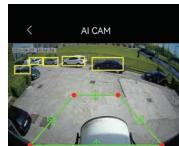


## Custom settings

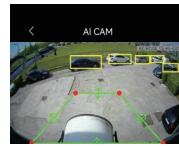
1. Image Rotation (Normal / Mirror)
2. Acquisition speed (Bit rate)
3. Detection area
4. Linee guida
5. Sound alarm
6. Brightness
7. Color saturation



### 1. Image rotation



Normal



Mirror

### 2. Acquisition speed (Bit rate)

Image capture speed can be modified with the following parameters:

- 256kbps
- 384kbps
- 512kbps
- 768kbps
- 1024kbps
- 2048kbps



Note:

The higher the acquisition speed, the better the quality of the image displayed on the screen.

## Camera settings

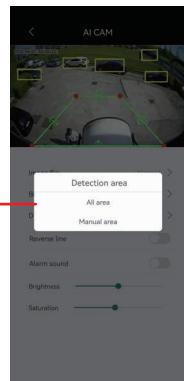
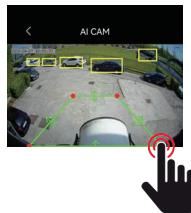
### 3. Detection zone

You can change the object and people detection zone according to your area control needs.

Total Area



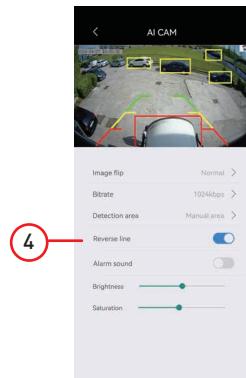
Manual Area



Use the points and arrows to define the area to check.

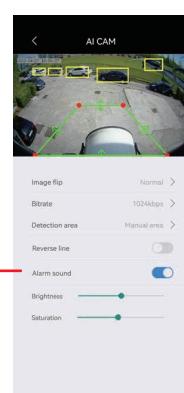
### 4. Guidelines

It is possible to activate the vision of the guidelines which allow to indicate to the driver the trajectory that the vehicle on which the video camera is installed will travel.



### 5. Sound alarm

It is possible to activate the acoustic alarm which warns when a pedestrian enters the previously defined area.



### 6. Brightness

Brightness control

### 7. Color saturation

Color saturation control



# Specifications

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## Smartphone requirements

iPhone .....	iOS 10.1 or later
Android.....	OS 4.0.3 or later

## Recording.....

Video.....	Mp4
Images.....	JPG

## WiFi

Integrated WiFi .....	2.4G wireless
Network range .....	2403-2480MHz
Distance .....	≤ 10m in open field

*Note: The distance may vary according to the power of the smartphone's WiFi module*

## Camera

Sensor .....	1/3" AHD
Resolution .....	720P VGA / 1280 HD
Viewing angle.....	110°[H] 140°[D]
Waterproof .....	IP68
Night lighting .....	IR (infrared)
Night vision distance .....	5 meters

## Battery

Battery capacity .....	7000mAH
Charging time .....	8 ore
Operating time .....	10 ore
Charging power supply.....	USB Type-C
Type of battery charger .....	DC 5V - 2A
Battery charge indicators .....	25%-50%-75%-100%
Installation .....	By magnet wrapped with rubber case



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