Connect your Secure 4K
using this WiFi SSID and password,
making sure to keep them in a safe
place for future reference.

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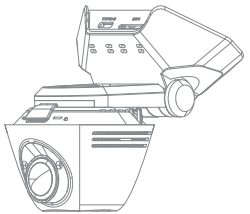
WAYLENS

Secure 4K

Installation Guide

WAYLENS™

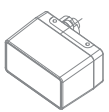
What's included with the Secure4K



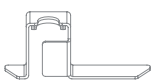
Secure4K
Camera & Dock

Secure4K
Mount Plate
& Adhesive

Placement
Guide

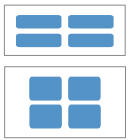


DMS Module
(Optional)



Power Cord
Locker

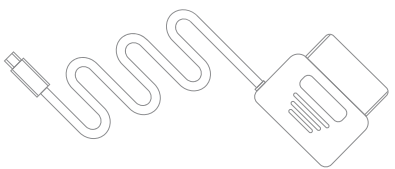
Please ensure the Secure4K and any necessary power components are secured and out of reach of passengers, especially young children and pets.



Tamper
Tape

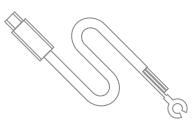
Installation
Guide

Power Cord



Option A

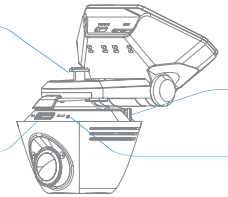
OBD-II Power Cord

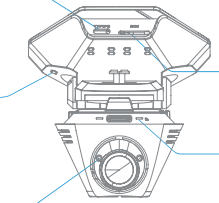


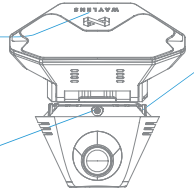
Option B

Direct Wire Power Cord

Secure4K Overview







Status LED mode

Solid Green	Power On
Solid Blue	Idle
Solid red	Recording
Blinks Blue	Firmware Updating
Blinks Blue and Red	Error

Waylens Button Function

Click x1	Flip on WiFi On/Off
Click x3	Flip on WiFi Direct Mode
Press for 2s	Flip on Recording
Press for 4s	Restart the camera

The product contains a LTE Module
FCC ID: SRQ-ME3630

Using the Waylens Fleet App

The Waylens Fleet App is the primary interface for the Secure4K, providing the fleet an easy way to install and maintain the camera.

Download on the App Store

Get it on Google play

Access the Secure4K through the App:

- Installation Guide of Secure4K
- Preview the video of Secure4K
- Network Test
- Power Cord Test
- Secure4K Maintenance

Do not use mobile devices to access the Secure4K while operating the vehicle. Park your vehicle in a safe location before accessing the App .

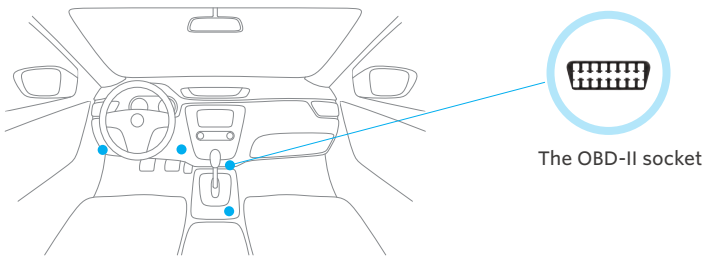
Installing your Secure4K

Park the car in a safe and convenient place for the installation

1. Install power in the vehicle

(two options - Direct Wire or OBD-II Power Cord)

Option A OBD-II Power Cord



1. Locate the OBD-II socket in your vehicle, the upper figure shows some popular places.

2. Insert the OBD-II plug into the OBD-II socket firmly.
NOTE: The OBD-II connector fits only one way into the vehicle's OBD-II socket, do not force the fit; observe correct orientation before applying force.

3. Route the wire with USB Type-C plug of the OBD-II Power Cord to the expected camera mounting location on the windshield.
NOTE: Leave an extra few inches of cord length near the camera to insert the Type-C plug into the Secure4K Dock, and also to make mounting and dismounting the camera easier.

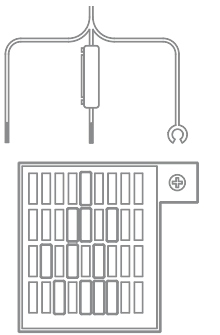
4. Secure any excess wire after the camera is mounted.

Option B Direct Wire Power Cord

1. Turn off the engine and the accessory power.

2. Find the location and layout of your fuse box as well as the appropriate fuse type from the vehicle's user manual.
NOTE:
a. Professional installation assistance at a qualified dealer is recommended, if you are not familiar with identifying fuses in a vehicle and installing power system related items.
b. Please contact support@waylens.com for assistance with finding an approved dealer in your area if you are unsure of where to locate one yourself.

3. Connect the red ACC wire to a switched fuse:



a. A switched fuse is used to monitor the accessory power such as cigarette lighter, car radio, etc. They will be switched off after you turn off the car. Identify them by referring to the vehicle user manual or consulting a qualified professional.

b. Verify the fuse is a switched fuse by using a multimeter to track voltage within the circuit across ignitions ON and OFF positions.

c. If confirmed as a switched power fuse, remove the identified switched fuse from the fuse panel. Use the fuse puller tool if available.

d. Remove the sleeve from the end of the red ACC wire, and wrap the wire around one of the blades of the switched fuse.

e. Reinsert the fuse back into the fuse panel carefully and firmly to ensure the wire remains secured to the fuse blade.

4. Connect the yellow BATT+ wire to a constant power fuse
a. The constant power fuses are used to monitor constant power within a vehicle. They will not be switched off after you turn off the car. Identify them by referring to the vehicle manual or consulting a professional.

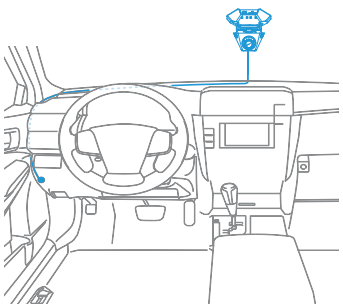
b. Verify the fuse is a constant fuse by a multimeter to track voltage within the circuit across ignitions ON and OFF positions.

c. If confirmed as a constant power fuse, remove the identified constant fuse from the fuse panel. Use the fuse puller tool if available.

d. Remove the sleeve from the end of the yellow BATT+ wire and wrap the wire around one of the blades of the Constant Power fuse.

e. Reinsert the fuse back into the fuse panel carefully and firmly to ensure the wire remains secured to the fuse blade.

5. Connect the black GND wire to a chassis ground point, such as a bolt, that is directly touching a bare metal surface of the vehicle's framework.



6. Route the wire with USB Type-C plug of the Direct Wire Power Cord to the expected camera mounting location on the windshield.

NOTE: Leave an extra few inches of cord length near the camera to insert the Type-C plug into the Secure4K Dock, and also to make mounting and dismounting the camera easier.

7. Secure any excess wire after the camera is mounted.

2. Connect power to the Secure4K Dock

For optimal performance, please ensure the power cord is firmly and securely fitted into the USB Type-C Power Connection.

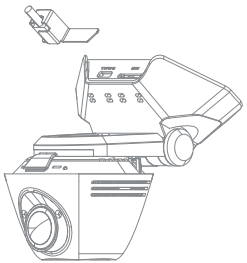
1. Put the Type-C Power Cord into the Power Cord Locker. Remove the Locker's gasket if necessary.

2. Remove the Locker's tape paper.

3. Insert the Type-C plug into the camera Type-C socket. Push the Locker to ensure glued together with the camera dock.

4. Seal with Tamp Tape.

5. Turn on the engine, the status LED will illuminate blue and then turn red if a SD card is inserted.



3. Diagnostic with Waylens Fleet App

Waylens Fleet App has the diagnostic feature to ensure the power cord connection is right.

1. Open the Waylens Fleet App and follow the prompts to connect to the Secure4K camera.

2. If can't find the Secure4K WiFi network, normally is a network with name as Waylens-xxxxx (DIRECT-Waylens-xxxxx if WiFi Direct is enabled), press Waylens Button to wake up the WiFi.

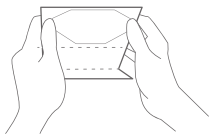
3. Locate the diagnostic feature in the profile page(Skip Login) or Maintenance(Maintainer Login).

4. After the diagnostic, view the live preview of the camera to assist the placement on the windshield.

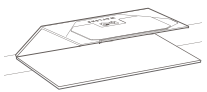
4. Install the Mount Plate on the Windshield

SAFETY WARNING: Do not place the Secure4K in an area on the windshield where the product interferes with the driver's field of vision or other in-vehicle sensors. The Secure4K should be mounted at the center top of the front windshield, optimizing visibility inside and outside the vehicle.

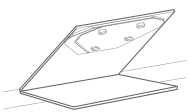
NOTE: Do not place camera mount too low on windshield where visibility may be blocked by the vehicle itself, such as wiper blades or raised hood structures.



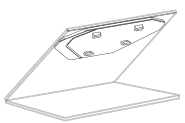
1. Without removing the Mount Plate adhesive cover plastic, position the Mount with Placement Guide against the top center of your windshield and dashboard.



2. Verify placement on windshield, then fold placement guide back away from glass to remove the plastic cover for the adhesive



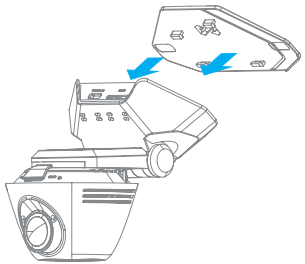
3. Firmly press the Mount Plate to the windshield glass and hold for 10 seconds.



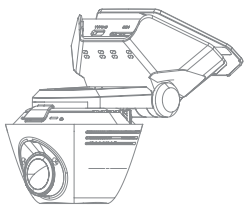
4. Remove the Placement Guide, leaving the Mount Plate affixed to the windshield.

Please be aware that certain films on the windshield glass can affect the night vision quality.

5. Attach the Camera and Dock to the Mount Plate



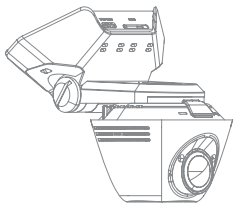
1. With the Mount Plate attached to the windshield and the power cord connected to the Secure4K, position the Secure4K on the left side of the Mount Plate. Next, ensure the Mount Plate locking tabs are aligned with their fittings on the camera Dock.



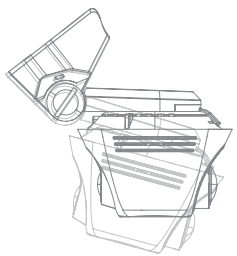
2. Slide the camera right to secure it firmly onto the Mount Plate.

Please ensure the Secure4K is installed properly and firmly attached to the windshield prior to operating the vehicle. Be sure to make any adjustments to the angle or position of the Secure4K prior to operating the vehicle.

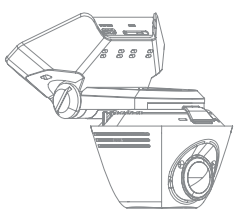
6. Adjust Secure4K angle



1. Use a coin to loosen the Dock hinge by turning the adjustment slot counter-clockwise.



2. For optimal vision in and around your vehicle, adjust the cameras position to parallel with the road.



3. Tighten the Dock into place by turning the adjustment slot clockwise with a coin.

7. Install and Calibrate the DMS camera

DMS camera calibration process is to calibrate the DMS camera so that the DMS camera can detect the driver's face and sight line so that the DMS camera can better detect and upload DMS events.

To calibrate the DMS camera, Waylens Fleet App should be used.

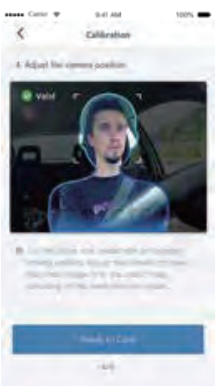
1. Install the DMS camera in the recommended position as the picture shows.

2. Make sure that the DMS camera is upright.

3. Input the information of the vehicle where the camera was installed.

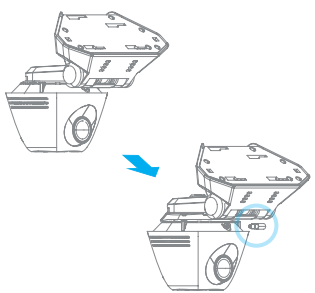
1

2



3

4/5



4 Adjust the camera position. There is a mask on the view of the DMS camera. The installer should keep adjusting the camera position to make the driver image fit in the mask. When the mask turned into green, the position of the DMS camera can be regarded as correct.

5 Let the driver maintain the driving position and look forward, tap "Calib and Look Forward". Wait for 3 seconds until "Calibration is done" is heard from the camera.

6. Install and calibrate the DMS module

To install DMS module, first loose the Camera Mount Screw, make the Remote Camera Cable Socket appear.

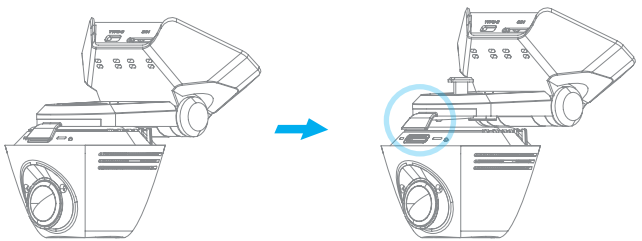
Insert the DMS cable plug into the Socket, ensure the direction is right.

Put the cable into the Cable Holder to release the stress to the Cable socket/plug.

8. Insert and format the microSD card

To prolong the usage, the new microSD card will be automatically formatted when the first time it was inserted to Secure4K.

Do not remove the microSD card while the Secure4K is recording (the status LED illuninates red).



Waylens recommends using a high endurance microSD card (class 10 or higher MLC microSD card 32-256GB) designed for continuous recording situations. While other cards will work with the Secure4K, they are much more prone to card errors and failures.

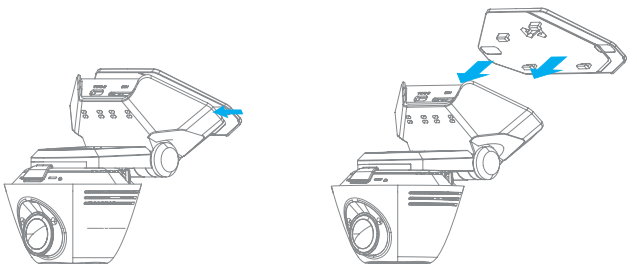
Some Secure4K dock has a SD card cover to prevent the unauthorized access to the microSD card. In that case please first loose the screw and the camera body.

You're all set!

Removing the Secure4K

1. Stop the Secure4K if it's recording by pressing the Waylens Button on the Dock or turning monitoring off by fleet managers via API.

2. Slide the Secure4K Dock to the left and carefully pull the camera away from the Mount Plate once you feel it release from the locking tabs.



3. Remove the power connection from the rear of the camera.

Secure4K SIM Card

Secure4K has pre-installed SIM card. Please do not remove the pre-installed SIM card.

If finding that the SIM card is not activated, please contact the fleet manager to activate the SIM card.

FCC Caution: Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

IMPORTANT NOTE
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This transmitter must not operate in conjunction with any other antenna or transmitter.

waylens.com
support@waylens.com

Secure 4K

Making Intelligent Video Security
Easy for Fleets