


MANUAL

# Full-Screen HDR Streaming Rear View Mirror

## STR4KE

Stinger®

FULL-SCREEN HDR STREAMING
REAR VIEW MIRROR

# Introduction

**Thank you for purchasing your Stinger Rear View Mirror.**

This mirror is a full-screen HDR streaming mirror. It also features Stinger ENLIGHT10 Color control at your fingertips.

This product has passed the international authoritative quality certification organization DEKRA ISO/TS16949 automotive industry quality management system certification.

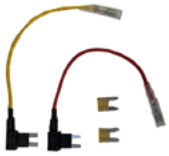
# Box Contents



Full-screen Hi-def streaming rear-view mirror



Main harness



Fuse Taps & fuses



Rear camera



Small camera extension harness



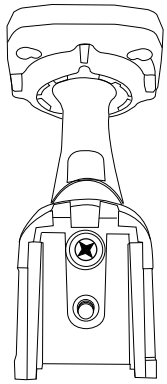
Large camera extension harness

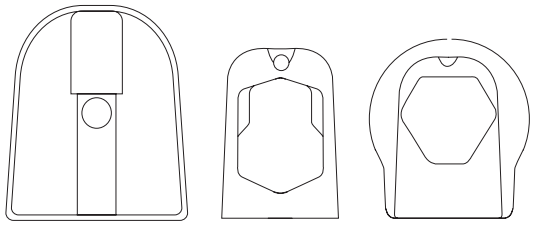


GPS antenna

FULL-SCREEN HDR STREAMING
REAR VIEW MIRROR

# Mirror Bracket and Mounts





3 X vehicle-specific rear-view mirror mounting adapters
1 x standard rear-view mirror mount

# Rear Camera Specs



Specs:
Sensor: PIXEL-PLUS 2053/2083
Resolution: 1920 x 1080P
Lens angle: 100 horizontal
IP rating: IP67

Low illumination: 0.1Lux
Operating voltage: DC5V
Operating current: Max 100mA
Operating temperature: -4°F - + 149°F
Operating temperature: -20°C - + 65°C

# Product Features

- 9.66" IPS HD streaming rear-view mirror with full-screen touch operation.
- Front and rear dual-channel high-definition recording, HDR high-dynamic ultra high-definition 4K/2K/1080P front camera; HDR high-dynamic 2K/1080P hi-definition night vision, strong light suppression and glare prevention rear camera.
- Rear camera waterproof grade IP67, PIXEL-PLUS HD imaging chip.
- High-end 2.5D anti-glare high-penetration mirror.
- H.264 coding mode saves storage space and makes storage more efficient.
- Parking monitoring function: Turn on the parking monitoring mode to enable time-reduced video recording.
- TS mode video stream is stored immediately, and recorded to save file.
- Intelligent protection of collision files: Built-in three-axis gravity sensor can save and lock the current file.

# Product Overview

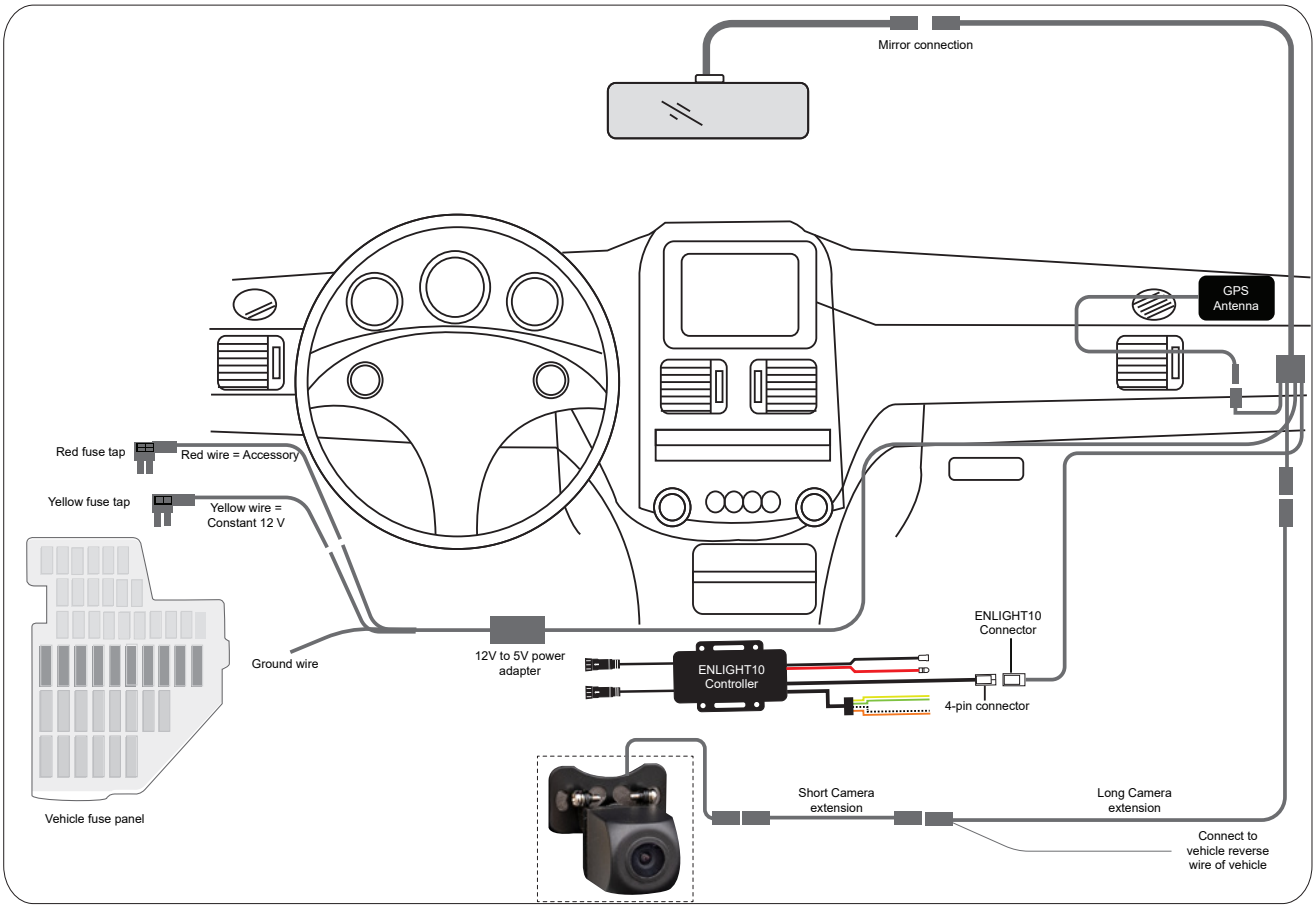


# Operating Instructions

- Power on and off
    - Press the power button once to turn the device on. Press the power button again to turn the device off.
- Recording Drive
    - Click “Video” on the Home screen and a flashing red dot will appear in the upper left corner, indicatng that the video recording is in progress.
- Photo Mode
    - Click “Camera” on the Home screen to capture a picture.
- Document Management
    - Click “File Management” on the Home screen to view the recorded videos and photos. Video files and photo files can be locked, deleted, etc.
- System Settings
    - Click “System Settings” on the Home screen to access your settings.

# Wiring Diagram

Red: Connect to 12V Accessory
Yellow: Connect to 12V Battery Constant Power
Black: Connect to vehicle's chassis Ground
Small Red wire from extension cable: Connect to the vehicle's reverse wire
ENLIGHT10 Connector: Connect to any ENLIGHT10 Bluetooth Controller



# ENLIGHT10 Control

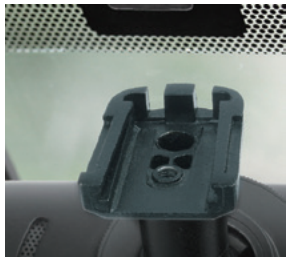



On: Press to turn RGB lights on when connected to ENLIGHT10 controller
Off Icon: Press to turn RGB lights off when connected to ENLIGHT10 controller
Color: Press any color to change the RGB lights color to the same color
FAV: Once desired color has been chosen press and hold to change to Favorite color
Note: FAV Icon will change to new color
Brightness Icons:
- : Press - button to decrease brightness of RGB lights
+: Press + button to increase brightness of RGB lights
Detailed Color Adjustment: Use the - and + icons to adjust to your desired color

# Basic Installation

1. Loosen the factory screw holding the rear view mirror.
2. Hold the base of the bracket.
3. Pull out away from the windshield to slide the bracket off.
4. Remove the rear view mirror.





**INSTALLING YOUR NEW MIRROR**

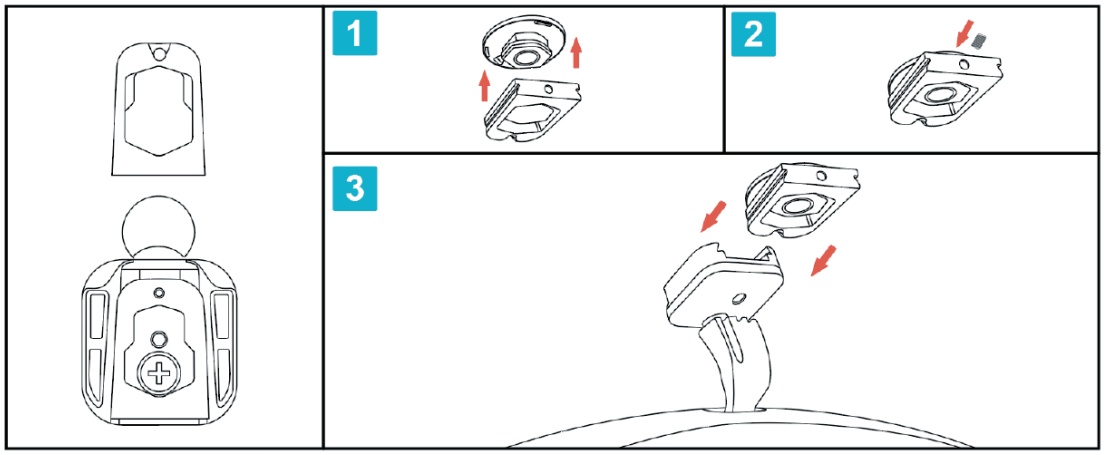
NOTE: Different cars require different brackets. DO NOT force the mirror off the bracket. Your vehicle may require an included adapter for installation. Refer to the **Mirror Adapter instructions** to find the correct bracket and adapter if applicable for your vehicle.



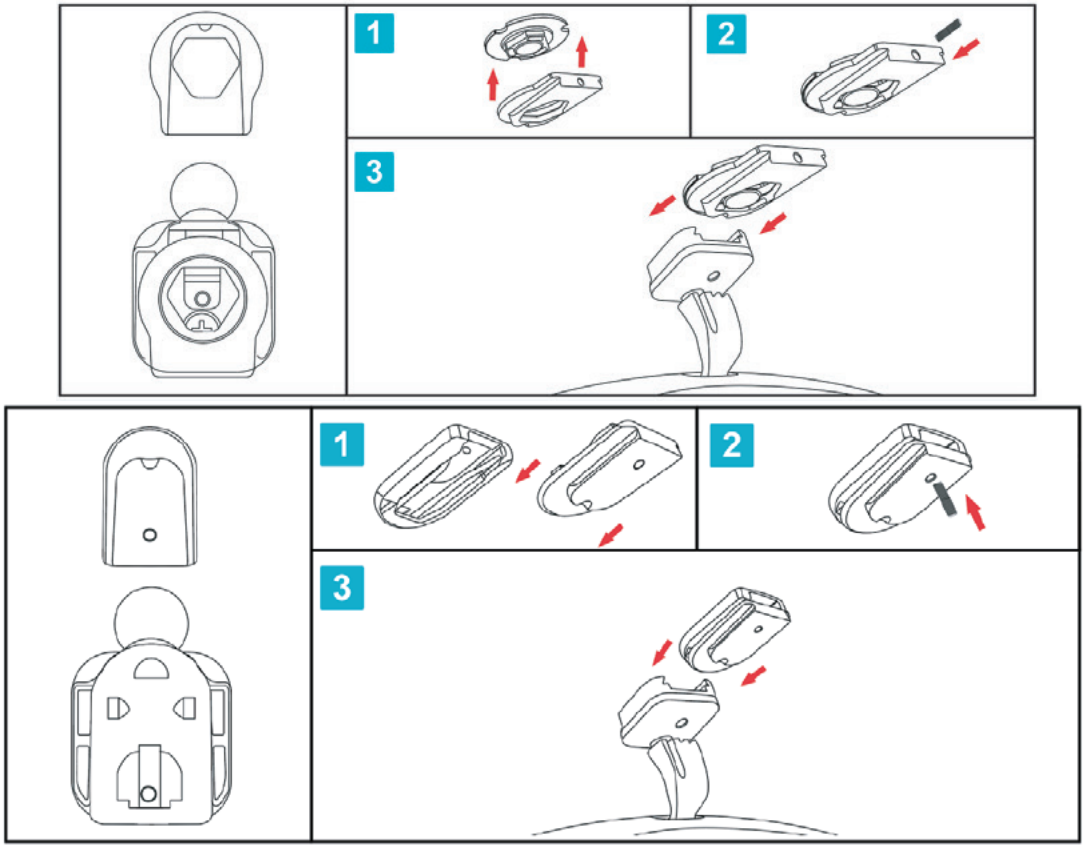
Most cars like Toyota, Honda, Nissan, Mazda, Hyundai, KIA, Ford, and Chevrolet, do not need an adapter when installing the mirror. Please refer to the instructions below if your vehicle requires an adapter.

# Mirror Adapters

VOLKSWAGEN / AUDI (ADAPTER)
(Not needed with mirrors that have a protective case)




DODGE, CHRYSLER, JEEP, VOLVO (COMPACT), BMW (COMPACT)
(Not needed with mirrors that have a protective case)



# Reverse Camera Installation

Find a suitable location and mount the rear camera facing the rear of the vehicle.

# Installation Wiring

Run the main wire harness in the headliner and down the A-pillar.
Connect the 10-pin main wire harness by pushing the two connectors together with both arrows lined up.
Run the Long Camera Extension harness with the red wire to the Short Camera Extension harness. Connect the two harnesses together.
Connect the 4-pin camera harness to the 4-pin connector on the short extension.
Connect the small red wire on the camera extension harness to the reverse light.
Run the yellow, red, and black wire of the main harness to the vehicle's fuse box. Use the supplied fuse taps and fuses.
Mount the GPS antenna in a location that is visible to the sky. Run the GPS antenna wire and plug into the main harness.
Power off the vehicle.
Locate the fuse box and test each fuse for DC 12 volt constant power with a multi-meter.
Once the correct fuse has been found, remove the fuse and plug the yellow fuse tap into the location you removed the fuse. Re-install the fuse in the tap.
NOTE:
The supplied wire has a ATM-LP fuse. If your vehicle has a different fuse, you will have to remove the fuse tap and purchase a different fuse tap for your vehicle.
Power on the vehicle to the accessory power.
Test each fuse for DC 12 volt accessory power with a multi-meter.
NOTE:
The Accessory wire will show DC 12 volts when the vehicle's accessory is turned on and 0 DC volts when powered off.
Once the correct fuse has been found, remove the fuse and plug the red fuse tap into the location you removed the fuse. Re-install the fuse in the tap.
NOTE:
Locate a chassis ground and mount the ring terminal that is connected to the black wire (GND).

# Warranty

**STINGER LIMITED PRODUCT WARRANTY**
**(NON-TRANSFERABLE)**

Stinger, a Florida corporation (Stinger) warrants to the original retail purchaser, that the Stinger branded automotive product(s) purchased from an Stinger Authorized Dealer and/or new car dealership, and installed in the original vehicle, are free from defects in materials or workmanship under normal use and conditions for a minimum period of 1 Year from date of retail purchase, whichever comes first. A sales receipt or vehicle purchase contract, showing the installation date and Stinger product details are required to verify proof of retail purchase. No warranty registration is required. Should the product(s) or any part thereof be determined defective during the applicable warranty period, the defective product(s) will be repaired or replaced with equivalent reconditioned product(s), at Stinger sole option. To obtain warranty service, the product(s) must be returned to an Stinger authorized dealer along with proof of retail purchase and warranty coverage.

Stinger Products purchased from an unauthorized dealer are excluded from warranty coverage.

**Exclusions**

- Repair or installation labor.
- Elimination of externally generated static or noise, or the correction reception problems or loss of service due to Terrestrial Radio, Satellite Radio, Phone, Bluetooth, TV, or Navigation signals.
- Costs incurred and/or loss of vehicle use for installation, removal or reinstallation of the product(s).
- Damage to, Non-Stinger cameras, non-Stinger speakers, non-Stinger accessories, software or vehicle electrical systems.

• Cosmetic damage or damage due to negligence, misuse, abuse, failure to follow operating instructions, accidental spills or customer applied cleaners. chemicals, salt, hail, windstorms, lightning or extreme temperatures.
• Damage due to improper installation or connection, improper connection to equipment of another manufacturer or modification of existing equiment.
• Product(s) which have been opened or tampered with for any reason or which have been damaged due to alteration or service performed by anyone other than Stinger.
• Back-Up Camera (if so equipped): damage or loss due to improper use, failure to clean the camera lens, understanding of the camera's capabilities and limitations

The extent of Stinger liability under this warranty is limited to the repair or replacement provided above and, in no event, shall Stinger liability exceed the purchase price paid by purchaser for the product. Except as expressly set forth in this limited warranty, Stinger makes no other warranties, expressed or implied, including any implied warranties of merchantability and fitness for a particular purpose. Stinger expressly disclaims all warranties not stated in this limited warranty. Any implied warranties that may be imposed by law are limited to the terms of this expressed limited warranty.

Some states do not allow limitation on how long an implied warranty lasts. In such states, the limitations or exclusions of this Limited Warranty may not apply. Some states do not allow the exclusion or limitation of incidental or consequential damages. In such states, the exclusion or limitation of this Limited Warranty may have other rights, which vary from state to state.

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