



AP1 3-Wire Cable Installation Guide

v1.1

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Installation Disclaimer

This AP1 installation guide features a process designed for professional installers. Sensata INSIGHTS assumes installers possess knowledge of current, generally accepted industry installation standards and practices.

Attach Your Camera to the Windshield

Your vehicle's windshield temperature shouldn't be too hot or cold. Sensata INSIGHTS recommends installing your AP1 in moderate temperatures (50°F to 80°F or 10°C to 27°C).

Use the vehicle defrosters to warm and dry out the windshield in severely cold weather. Ensure your windshield is dry and has no chips or cracks before installation. If the windshield is compromised, applying the device may cause windshield chips or cracks to spread.

1. Clean the windshield with your alcohol wipe. Allow time to dry.
2. Remove any film left over from the solution.
3. Remove the plastic from the tape on the mounting bracket.
4. When attaching the AP1 to the windshield, position the bracket so that it is flush with the windshield.

Note: Ensure the device placement complies with local regulations for your type of vehicle.

5. Apply your AP1 to the windshield and maintain pressure for at least 30 seconds.
6. Go outside the vehicle, and check whether 80%–90% of the tape's surface area connects with the glass. Then, if necessary, momentarily apply pressure where the camera does not connect to the glass.

Once the device is correctly attached to the windshield, continue to the next page to learn how to connect to your vehicle's power source.



Connect AP1 to Your Vehicle's Power Source

If you feel unequipped to perform this installation after reviewing the steps below, go to <https://sensatainsights.com/contact/request-installation> to request installation from an approved INSIGHTS installer. By continuing this process without a certified installer, you acknowledge there may be issues when working with a vehicle's power source.

1. Turn off your vehicle.
2. Take your main power cable and place it where it will reside alongside the vehicle's headliner and A-pillar. This shows where to route the cable and how much slack to leave to connect the 3-wire adapter cable to the power source.
3. Clean the space where the cable clips will reside with an alcohol wipe. Allow time to dry.
4. Once the windshield is dry, attach clips where you place the cable. Ensure the clips are evenly spaced, around 6" apart. Keep the opening of the clips face up, and ensure the cable remains taut.
5. Slide the power cable from the bracket into the clips.
6. Route the power cable around the side and behind interior panels or weather stripping to secure it. The cable should fall near the vehicle's fuse box/power source.
7. Attach the AP1 power cable to the 3-wire adapter.

Note: Sensata INSIGHTS provides optional power adapter accessories separately.

8. Identify each connection wire on the 3-wire adapter: black, yellow and red.

Note: Ensure your 3-wire connection has 3A fuses attached to the red and yellow wire within 4" of the vehicle's power source. This requirement protects your device and your vehicle.

9. Connect each wire to its associated power source.
 - Black – ground
 - Yellow – battery (+)
 - Red – ignition
10. After safely connecting power to your AP1, use the Torx® wrench to re-secure the AP1 angle lock cover. The cover locks the camera position in place.

You have completed your AP1 3-wire installation.

Please review the mobile application steps in the AP1 Quick Start Guide (Guided Setup) or AP1 User Guide (Advanced Setup) to calibrate your AP1. Mobile app setup depends on your expertise; however, Guided Setup is generally recommended.



Support Information

If you need additional support, please register [here](#), submit a ticket, or email us at support@smartwitness.com.

Feel free to call our support team:

- North America, South America, APAC
+1 (312) 981 8774
- EMEA
+44 (0) 1483 397005