

Innova 5210, 3360

Innova 5210 OBD2 Scanner & 3360 Thermal Camera User Manual

Comprehensive Guide for Diagnostic and Thermal Imaging Tools

INTRODUCTION

This manual provides detailed instructions for the operation, maintenance, and troubleshooting of your Innova 5210 OBD2 Scanner and Innova 3360 Infrared Thermal Camera. These tools are designed to assist in comprehensive vehicle diagnostics and thermal inspections.



Image: The Innova 5210 OBD2 Scanner (left) displays powertrain live data, while the Innova 3360 Infrared Thermal Camera (right) shows a thermal image with temperature readings. Both devices are black and yellow, designed for automotive diagnostics.

SETUP

Innova 5210 OBD2 Scanner Setup

1. **Power Connection:** Connect the OBD2 cable from the 5210 scanner to your vehicle's OBD2 port, typically located under the dashboard. The scanner will power on automatically.
2. **Initial Boot-up:** Allow the device to complete its initial boot sequence.
3. **Bluetooth Pairing (Optional):** For enhanced features and verified repair solutions, download the RepairSolutions2 app on your smartphone. Enable Bluetooth on both your phone and the 5210 scanner,

then pair the devices within the app.

Innova 3360 Thermal Camera Setup

1. **Battery Installation:** Ensure the battery is properly installed and charged.
2. **Power On:** Press and hold the power button to turn on the thermal camera.
3. **Calibration:** The camera may perform a brief self-calibration upon startup.

OPERATING INSTRUCTIONS

Using the Innova 5210 OBD2 Scanner

- **Reading Trouble Codes:** Once connected to the vehicle, navigate to the "Read Codes" menu option. The scanner will display any active or pending Diagnostic Trouble Codes (DTCs).
- **Clearing Codes:** After addressing a vehicle issue, select "Erase Codes" from the menu to clear the Check Engine Light. *Note: Clearing codes does not fix the underlying problem.*
- **Live Data:** Access "Live Data" to view real-time sensor readings such as engine RPM, coolant temperature, and oxygen sensor voltages. This data is crucial for diagnosing intermittent issues.
- **Battery & Alternator Test:** Use the dedicated function to assess the health of your vehicle's battery and charging system.
- **ABS Diagnostics:** The 5210 can read and clear ABS (Anti-lock Braking System) codes on compatible vehicles.
- **Emission Readiness:** Check your vehicle's emission readiness status to determine if it's ready for a smog test.

Using the Innova 3360 Thermal Camera

- **Thermal Imaging:** Point the camera at the area you wish to inspect. The screen will display a thermal image, highlighting temperature variations.
- **Temperature Readings:** The display shows real-time temperature readings, including minimum, maximum, and center point temperatures.
- **Applications:** Use the 3360 to detect hot spots in electrical wiring, identify engine overheating, locate leaks, or inspect HVAC components. It can also be used for home inspections.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of both devices. For the screens, use a microfiber cloth. Avoid abrasive cleaners or solvents.
- **Storage:** Store the devices in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** Regularly check for software updates for the Innova 5210 via the RepairSolutions2

app or Innova's official website to ensure optimal performance and compatibility with new vehicle models.

- **Battery Care (3360):** For the thermal camera, ensure the battery is charged before extended storage and periodically recharge it if stored for long periods to maintain battery health.

TROUBLESHOOTING

Innova 5210 Scanner Issues

Problem	Possible Cause	Solution
Scanner does not power on.	Loose OBD2 connection; Vehicle's OBD2 port fuse blown.	Ensure secure connection; Check vehicle's fuse box for blown OBD2 fuse.
Cannot link with RepairSolutions2 app.	Bluetooth not enabled; App not updated; Interference.	Verify Bluetooth is on for both devices; Update app; Move closer to scanner.
"Link Error" message.	Vehicle not OBD2 compliant; Faulty OBD2 port.	Confirm vehicle is 1996 or newer; Consult a mechanic for OBD2 port inspection.

Innova 3360 Thermal Camera Issues

Problem	Possible Cause	Solution
Image is blurry or distorted.	Lens dirty; Out of focus.	Clean lens with a soft cloth; Allow camera to self-calibrate.
Camera does not turn on.	Low battery; Battery not inserted correctly.	Charge battery; Reinsert battery correctly.

SPECIFICATIONS

Innova 5210 OBD2 Scanner

- **Connectivity:** OBD2 cable, Bluetooth
- **Functions:** Read/Clear DTCs, Live Data, Battery/Alternator Test, ABS Diagnostics, Emission Readiness
- **Compatibility:** OBD2 compliant vehicles (1996 and newer)
- **App Support:** RepairSolutions2 App

Innova 3360 Infrared Thermal Camera

- **Imaging:** Infrared Thermal Imaging
- **Temperature Range:** (Typical operating range, specific values not provided in input)
- **Applications:** Automotive diagnostics, electrical systems, HVAC, home inspections

- **Range:** Up to 100 feet for thermal scanning

WARRANTY AND SUPPORT

Innova products are designed for durability and reliability. For specific warranty information, please refer to the documentation included with your purchase or visit the official Innova website. Innova provides ASE-certified support for their products.

- **Online Support:** Visit www.innova.com for FAQs, software downloads, and additional resources.
- **Customer Service:** Contact Innova customer support for technical assistance or warranty claims.
- **Updates:** Free updates are available for the 5210 scanner to ensure long-term value and compatibility.