

## Paradox PCS260

# Paradox PCS260 Dual SIM Transmitter Instruction Manual

Model: PCS260 | Reference: 3700936110008

## 1. INTRODUCTION

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The Paradox PCS260 is a Dual SIM GSM/GPRS communicator designed to provide reliable and secure communication for Paradox security systems. It enables reporting to monitoring stations and personal mobile devices via GSM or GPRS networks, ensuring continuous system connectivity. This manual provides essential information for the proper installation, operation, and maintenance of the PCS260.

## 2. SAFETY INFORMATION

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- Read all instructions carefully before installation and operation.
- Installation should be performed by qualified personnel only.
- Disconnect power to the control panel before installing or servicing the PCS260.
- Ensure proper grounding to prevent electrical shock.
- Do not expose the device to moisture, extreme temperatures, or direct sunlight.
- Use only approved power sources and accessories.

## 3. PACKAGE CONTENTS

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Verify that all components are present in the package:

- Paradox PCS260 Dual SIM Transmitter module
- Antenna (GSM/GPRS)
- Connection cable for control panel
- Mounting hardware (screws, anchors)
- This instruction manual

## 4. SETUP AND INSTALLATION

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1. **Prepare SIM Cards:** Obtain two active Mini-SIM cards (2FF) from your preferred cellular providers. Ensure they are activated and have sufficient credit/data plans for communication.
2. **Insert SIM Cards:** Locate the SIM card slots on the PCS260 module. Carefully insert the SIM cards into their respective slots, ensuring correct orientation.
3. **Mount the Module:** Choose a suitable location for the PCS260, preferably inside the control panel enclosure or in a secure, dry area with good cellular signal reception. Use the provided mounting hardware to secure the module.
4. **Connect Antenna:** Attach the GSM/GPRS antenna to the designated connector on the PCS260 module. Position the antenna for optimal signal reception.
5. **Connect to Control Panel:** Using the provided connection cable, connect the PCS260 to the serial communication port (e.g., SERIAL or COM port) on your Paradox control panel. Refer to your control panel's manual for specific port locations.
6. **Power On:** After all connections are secure, power on the Paradox control panel. The PCS260 will power up automatically.
7. **Initial Configuration:** Access the control panel's programming menu to configure the PCS260 settings, including APN settings for GPRS, reporting formats, and recipient phone numbers. Consult the control panel's programming guide for detailed instructions.

## 5. OPERATING THE PCS260

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The PCS260 operates primarily in conjunction with a Paradox control panel. Its function is to transmit system events and receive commands.

### 5.1. Status Indicators

The PCS260 features LED indicators to display its operational status:

- **Power LED:** Indicates power supply status.
- **GSM/GPRS Signal LED:** Indicates cellular signal strength. A solid light typically means good signal, while blinking may indicate searching for network or poor signal.
- **Communication LED:** Flashes during data transmission or reception.
- **SIM 1/SIM 2 LEDs:** Indicate the active SIM card and its status.

### 5.2. Communication Modes

The PCS260 supports various communication methods:

- **GPRS:** Primary method for fast and efficient reporting to monitoring stations and Paradox Insite GOLD application.
- **GSM (SMS/Voice):** Used for sending SMS notifications to personal phones and for voice reporting (if configured).
- **Dual SIM Redundancy:** The module automatically switches between SIM cards if one network becomes unavailable, ensuring continuous communication.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your PCS260.

- **Signal Strength Check:** Periodically check the GSM/GPRS signal strength via the control panel's diagnostic menu or the PCS260's status LEDs. Ensure the antenna is positioned for best reception.
- **SIM Card Status:** Verify that both SIM cards are active and have sufficient credit/data. Replace expired or faulty SIM cards as needed.

- **Firmware Updates:** Check the Paradox website for any available firmware updates for the PCS260. Updates can improve performance and add new features. Follow the instructions provided with the update carefully.
- **Cleaning:** Keep the module free from dust and debris. Use a soft, dry cloth for cleaning. Do not use liquid cleaners.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No communication (GPRS/GSM)	<ul style="list-style-type: none"> <li>• No cellular signal</li> <li>• SIM card not active or expired</li> <li>• Incorrect APN settings</li> <li>• Module not powered</li> <li>• Control panel communication issue</li> </ul>	<ul style="list-style-type: none"> <li>• Check antenna placement and signal strength LEDs.</li> <li>• Verify SIM card activation and credit with provider.</li> <li>• Confirm APN settings in control panel programming.</li> <li>• Check power LED on PCS260.</li> <li>• Refer to control panel manual for communication diagnostics.</li> </ul>
SIM card error	<ul style="list-style-type: none"> <li>• SIM card incorrectly inserted</li> <li>• Faulty SIM card</li> </ul>	<ul style="list-style-type: none"> <li>• Re-insert SIM card, ensuring correct orientation.</li> <li>• Try a different, known-good SIM card.</li> </ul>
Module not recognized by control panel	<ul style="list-style-type: none"> <li>• Incorrect wiring</li> <li>• Module not enabled in control panel programming</li> </ul>	<ul style="list-style-type: none"> <li>• Verify connection cable is securely attached to both devices.</li> <li>• Ensure the PCS260 module is enabled and configured in the control panel's programming.</li> </ul>

## 8. SPECIFICATIONS

Feature	Detail
Model	PCS260
Reference Number	3700936110008
Communication	GSM/GPRS (Dual SIM)
SIM Card Type	Mini-SIM (2FF)
Dimensions (approx.)	27 x 8 x 3.5 cm
Weight (approx.)	1 kg
Power Supply	Powered by Paradox control panel

## 9. WARRANTY AND SUPPORT

Paradox products are covered by a limited warranty. For specific warranty terms and conditions, please refer to the official Paradox website or contact your authorized dealer. Technical support is available through your installer or authorized Paradox distributor. For the latest documentation, firmware, and support resources, visit the official Paradox website: [www.paradox.com](http://www.paradox.com)



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