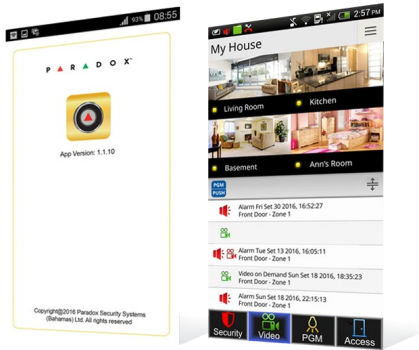


PCS250G

GPRS/GSM Communicator Module Supports SWAN Server



Control from your palm
Android/iOS



Description

Paradox Security Systems offers several cellular solutions providing connectivity via mobile devices (including the Insite GOLD mobile application), reporting to central monitoring station, sending SMS and personal voice dialing. The PCS260/265 delivers 4G/3G/2G data communications or GSM voice reporting solutions, while the PCS250/G provides 2G data speed and/or GSM voice reporting. Paradox cellular modules provide reliable reporting and two-way communication between Paradox control panels, mobile application and CMS, as well as remote site firmware upgrades.

Mobile Connectivity – Insite GOLD and PMH



The PCS modules provide a reliable connection from mobile devices, thanks to the Paradox My Home (PMH) servers, to Paradox systems using the Insite GOLD application. Insite GOLD allows monitoring and control of Security, Access, and Automation via mobile devices – Android or iOS. Menus are easy, simple and user friendly.

Easy Installation

Paradox cellular modules provide easy installation and solutions. Optional antenna cable extensions are available to help improve reception, when required. The PCS265 provides an easy and secured remote installation connected via RS485 bus up to 100m (300 ft) from the panel, and a lithium backup battery provides sufficient power to communicate on the cellular network when connected up to 100m from the panel. As well, it will signal supervision loss to the monitoring station when the wire is cut or disconnected from the panel. The battery allows connection with 18 gauge or even smaller wires far from the panel, eliminating the need for external power supply. On the panel side, a serial to RS485 converter (CVT485) should be used.

Features

- ▶ Compact, sleek design
- ▶ Instant notification of panel supervision loss
- ▶ Easily arm/disarm the system via SMS
- ▶ Report alarms by text messages to up to 16 cellular phone numbers
- ▶ Simple installation with 4-wire serial connection
- ▶ Supports 2 GSM provider SIM cards for provider redundancy
- ▶ Tamper switch support
- ▶ Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- ▶ In GPRS mode, messages are secured with 128-bit (MD5) and 256-bit (AES) encryption
- ▶ Certification: EN 50136 ATS 5 Class II, Certification Body Intertek
- ▶ The PCS250G GPRS Communicator Module, leverages the GPRS data channel to provide wireless communication solutions for Paradox control panels. It offers reliable and fast communication between properties and their respective monitoring stations, the PCS250G is the vital link that keeps you connected.
- ▶ Using cellular networks, the PCS250G reports to the monitoring station's automation software via GPRS, ensuring that all communication is fast, reliable, and stable. The PCS250G can be used as a backup to a traditional landline, or as a primary communicator where no landline is available. It also adds remote home control capabilities to a system, allowing you to arm/disarm with a simple text message (SMS). Feel safe by taking control of your system, wherever you are. Certification: EN 50136 ATS 5 Class II, Certification Body Intertek



Optional Accessories

▶ Antenna Extensions

The PCS modules are equipped with an on-board antenna allowing them to be installed separately from the panel. To increase RF reception, an optional external antenna can be installed with an extension cable. Extension cables available: 2m (6 ft), 4m (12 ft), 7m (24 ft), 15m (48 ft), or 18m (60 ft).



▶ CVT485 Module

A CVT485 Plug-in RS485 Converter can be used with the PCS265 and PCS250 (GSM mode only) allowing connection of these modules up to 300m (1000 ft) from the control panel.



▶ Battery

The PCS265 offers a 3.7V Li-ion battery that provides 1 hour online communication on the cellular network when fully charged.



▶ Plug-In Voice Module (VDMP3) PCS250 – GSM only)

The VDMP3 is used to arm and disarm your Paradox system. The VDMP3 can also send pre-recorded voice messages for up to eight phone numbers to report alarms via the GSM cellular phone network. The VDMP3 module is mounted directly onto the PCS250 module, and then uses the GSM cellular phone network to deliver voice messages and react to commands.



Technical Specifications

	PCS250G
Worldwide Model	PCS250, PCS250-G01, PCS250-G03: GSM/GPRS 850/900/1800/ 1900 MHz
Americas Model	PCS250, PCS250-G01, PCS250-G03: GSM/GPRS 850/900/1800/ 1900 MHz
Voltage Input	13.8V
Current Consumption during GPRS/GSM transmission	100 mA standby 400 mA transmit
Encryption	128-bit
Humidity	5-90%
Operating Temperature	-20 to 50 °C (-4 to 122 °F)
Dimensions / Weight	17.2 x 9.7 x 4.4 cm (6.8 x 3.8 x 1.7 in.)
Certification	CE, EN50136 ATS 5 Grade 3 Class II