

GSM-200

Cellular Communicator for PIMA Intruder Alarm Systems

(Ver. 3.xx)



Overview

The GSM-200 is an integrated GSM communicator for PIMA alarm systems - the Hunter-Pro Series, Captain 6 & 8¹, and the SAT-N communicator. It serves for 3 main purposes:

- A reporting channel, main or backup for other channels;
- Uploading & downloading data via the GPRS channel (using the Comax application);
- For remote access and control, in the Hunter-Pro Series only;

The GSM-200 channels are: GPRS (encrypted), Voice & SMS (CSD is optional).

Content of the Product Package

- GSM-200 module;
- Quad-band antenna;
- Wiring harness to the control panel;
- Audio wires.

Safety instructions and restrictions

- Do not install the SIM card under power;
- The SIM card must support outgoing calls; support in outgoing SMS is recommended;
- The GSM-200 must be connected to power to program it, i.e., connected to the control panel with the harness.

Ver. 3.XX

Ver. 3.XX has two main changes:

- The external power connector was removed. The module's power is solely supplied by the control panel (via the wiring harness).
- The functions of the Green LED have been modified. See the table on page 4.

¹ In Captain 6, the GSM-200 is used only through the voice channel and can only communicate with monitoring stations

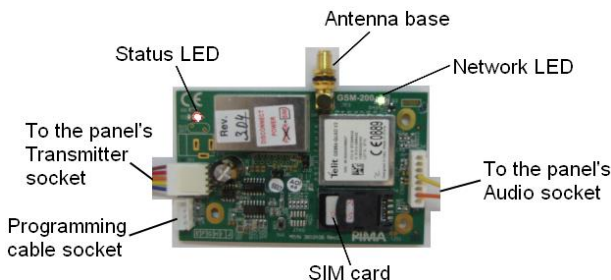


Figure 1. Module's PCB, connectors and SIM card slot

Installation

1. Verify that the module is not connected to power.
2. Open the module cover, insert the SIM card to its slot and close the cover.
3. Attach the module to the top-center part of the panel's box and drive the two screws in their holes.
4. Screw the antenna to its position.
5. Connect the wiring harness to the TRANSMITTER socket in the control panel.
6. Connect the Yellow & Orange wires to the control panel's AUDIO IN/OUT terminals (see the table in page 4 for details).

- Instructions for programming the GSM-200 parameters are in the Hunter-Pro Series and Captain 8 installation guides.
- You must order a cellular line and SIM card directly from your local cellular provider. The SIM card must not contain a PIN code.
- Cellular calls require payment for the connection time. Prepaid cards can be used, but not monitored.



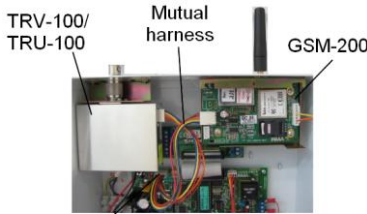
Installing the GSM-200 Along the TRV/TRU-100

Connecting the GSM-200 and the TRV/U-100 radio transmitters in the same control panel is done in the following manner: install the GSM-200 in the upper right part (front view) of the panel case, and the TRV/TRU-100 in the upper left part.

Note that a special GSM-200 metal box (cat. no. 4210111), adapters (cat. no. 4210115 for the GSM-200 and 4210114 for the TRV/TRU-100) and a double harness (cat. no. 3411058) must be used, in order to connect them both to the control panel's TRANSMITTER terminal.



- **Both antennas must be connected via coaxial cables and be installed at least 1 meter away from each other.**
- **Grounding should be connected directly to the TRV/TRU-100.**



"Transmitter" terminal

Figure 2. The GSM-200 and the TRV/TRU-100 installed together

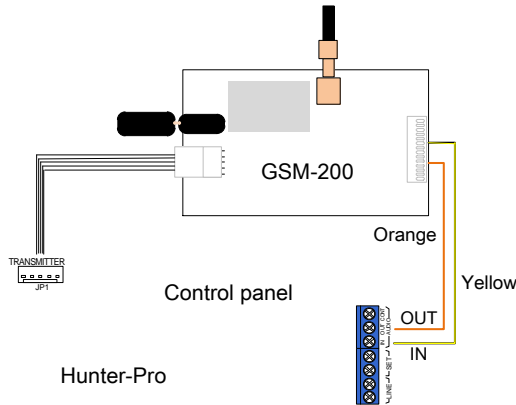


Figure 3. Wiring scheme for the Hunter-Pro series

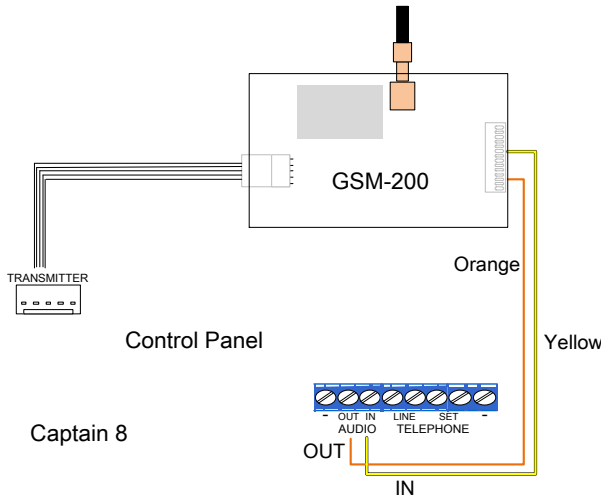


Figure 4. Wiring scheme for the Captain 8



Figure 5. The GSM-200 installed in the control panel case (optional)

The audio wires

GSM-200	Control panel
Orange wire	Audio Out
Yellow wire	Audio In

Green LED blinks	The module is ...
Once a second	Searching for a network
Every 3 seconds	Idle (is registered on the network)
Is ON	Communicating
Is OFF	Faulty

PIMA Electronic Systems Ltd. shall have no liability for any death, personal and/or bodily injury and/or damage to property or other loss whether direct, indirect, incidental, consequential or otherwise, based on a claim that the Product failed to function.

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PIMA Electronic Systems Ltd.

5 Hatzoref St. Holon 58856, Israel.

Tel: +972.3.6506414, Fax: +972.3.5500442

Web: www.pima-alarms.com Email: support@pima-alarms.com

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