

# COMMUNICATOR 4G/3G/2G/2G FOR PC-900

## Fact sheet

### COM-904

#### General Information

The COM-904 communicator is designed to report events via a mobile data connection:

The communicator prioritises communications over a Wifi connection, therefore, the mobile phone connection or data transmission is used as a backup in case of a failure or absence of the Wifi network connection. Communication module for cellular networks. The COM-904 connects to the PC-900 family through a socket located on the main board that allows you to quickly add one more means of communication to your security system. The COM-904 does not require external power or additional cabinets.

#### UMTS/HSDPA mobile network

- Transmission: LTE, UMTS/HSPA+ and GSM/GPRS/EDGE.

LTE Cat 4	EC200A-AU
Región/Operador	Australia, Nueva Zelanda, Latinoamérica
Dimensiones (mm)	29.0 x 32.0 x 2.4
Rango de temperatura	
Rango de temperatura de funcionamiento	-35 °C a +75 °C
Rango de temperatura extendido	-40 °C a +85 °C
Banda de frecuencia	
LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B28/B66
LTE-TDD	B40
WCDMA	B1/B2/B4/B5/B8
GSM/EDGE	B2/B3/B5/B8
GNSS*	-

- Compatible with PC-900G / PC-900T
- 1 recipient of mobile networks for monitoring reports
- Allows for own and panel programming with AC4 software
- Allows App programming in AP mode from Garnet Programmer
- Reports in residential format.
- You can use domain names instead of IP addresses.
- Connection with pins on PC-900 board
- Allows remote operation of the system via smartphones using the Garnet Control App.
- Up to 20 residential users.
- Communication of Reports using UDP.
- Monitoring period per mobile network configurable from 1 to 9999 minutes.
- Two Garnet reporting formats: DC1 and SDC2.
- 4 status and signal indicator LEDs on the board.
- Does not require its own battery, it shares the battery of the alarm panel.

#### Description of the module:

##### Communication formats:

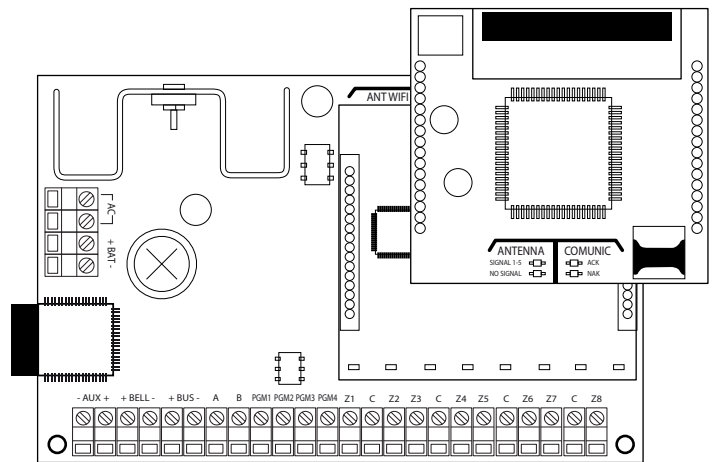
The COM-904 Alarm communicator is designed to send alarm signals to monitoring receivers receiving events under the DC1 and SDC2.

##### Panel control modes:

The COM-904 communicator allows the panels to be controlled by two methods, one method is by using the application. Garnet Control, and the other method is via text messages or SMS.

##### Compatible panels:

The COM-904 communicator is compatible with the PC-900G / PC-900G panels. PC-900T. It must be installed in the pin bed provided in the PC-900 panels.



#### Light indications of states

The COM-904 communicator incorporates a variety of LEDs to indicate the different states of the communicator.

LEDs indicate the signal strength of the mobile network and the results of the reports to the server and the monitoring station.

##### Explanation of light indications:

	Antenna	Comunic	
Signal 1-5	<input type="checkbox"/>	<input type="checkbox"/>	ACK
No Signal	<input type="checkbox"/>	<input type="checkbox"/>	NAK

There are two groups of LEDs, those that report the signal strength of the connection to the mobile network and those that report the results of communications over the same network.

### Mobile network signal indicator LEDs.

These LEDs indicate whether or not the communicator is connected to a network. If the communicator is connected to a mobile network, the blue LED representing the 3G Antenna will indicate its signal strength by flashing as many times as its signal level.

The number of flashes represent the signal level, with 1 flash for a very low signal level and 5 flashes for maximum signal level. If the communicator is not connected to a mobile network, the red "No Signal" LED will be on indicating that the communicator is not connected to a mobile network.

### Communication indicator LEDs

The communicator is prepared to communicate via mobile data. In either case, when there is a communication or any kind of report, its result will be indicated by the leds representing the communications.

When a report is made to the monitoring station or in residential format, the result will be represented by two LEDs, one representing the successful report (ACK) or the one indicating communication failure (NAK). When the communicator reports a supervision to monitoring or to the server, it will light both LEDs simultaneously.

### NET™ LED

This LED indicates the status of the mobile data network.

Status	Description
200 mS on / 1800 mS off	Searching
Network 1800 mS on / 200 mS off	Idle
125 mS on / 125 mS off	Transferring data

### Communicator programming

Programming of the COM-904 communicator is done through the Garnet Programmer application.

To download the programming app, scan the following QR codes as appropriate or search the download shop for the Garnet Programmer app.



Click here  
**Download App**