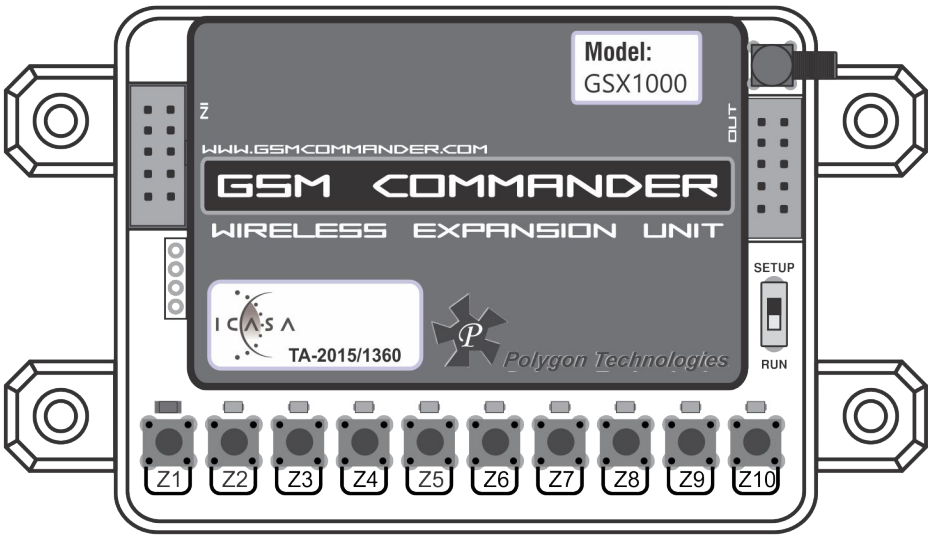
GSM COMMANDER

Wireless Expansion GSX1000
USER MANUAL

VERSION 1.0



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1. DESCRIPTION

The Wireless Expansion (GSX1000) is the interface between a GSM Commander and a Wireless Sensor (WS). The GSX1000 has 10 separate inputs to which one or two Wireless Sensors can be paired.

There are two modes (Run and Setup mode) which are entered via the Setup / Run Mode Switch (*See Figure 1)*.

2. GSX1000

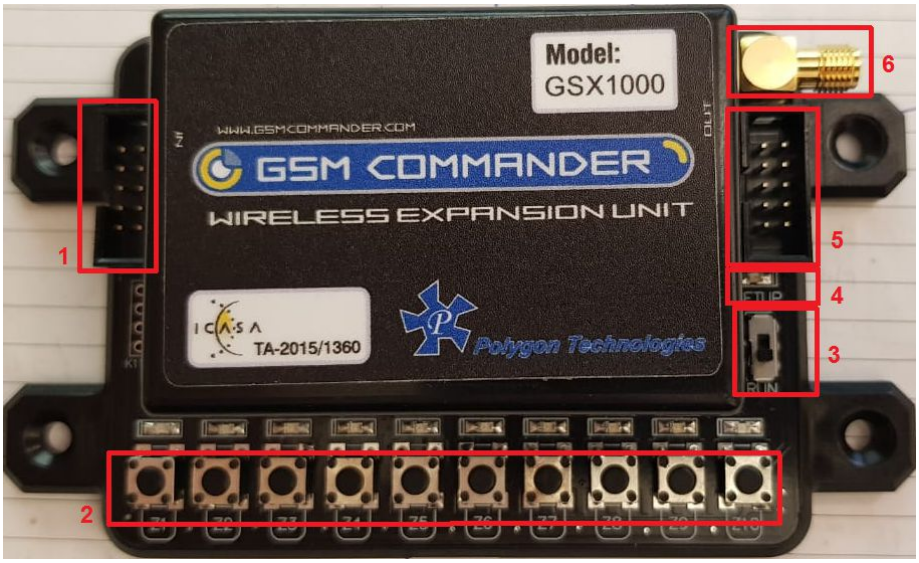

Figure 1

Figure 1: Wireless Expansion Unit

1. Connection to GSM Commander
2. Sensor-To-Zone Assignment Buttons
3. Setup/Run Mode Switch
4. Sensor Ready to Paired LED
5. Expansion Output
6. SMA Female Connector

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3. FEATURES

- 10 Separate Zones
- Up to 2 sensors can be paired per zone (double knock configuration for two sensors)
- Up to 300m range
- Provides 10 separate inputs to the GSM Commander

4. SETUP MODE

Once the Setup / Run Mode Switch has been set to Setup Mode, the LED's above each of the Sensor-To-Zone Assignment Buttons, will flash according to the number of sensors paired to that zone.

0 flashes per second – 0 sensors paired
1 flash per second – 1 sensor paired
2 flashes per second – 2 sensors paired

4.1 Pairing a sensor to a zone

Step 1: The user triggers the sensor to be paired
Step 2: The Sensor Ready to Pair LED will activate
Step 3: Press the Sensor-To-Zone Assignment button of the zone to be paired
Step 4: The Sensor Ready to Pair LED will turn off and the corresponding zone LED will start to flash
Step 5: Push the Setup / Run Mode Switch to Run, the Sensor Ready to Pair LED will flash quickly for a few seconds while it saves

4.2 Unpairing a zone

Step 1: The user presses the Sensor-To-Zone Assignment Button of the zone to be unpaired
Step 2: When the Sensor Ready to pair LED blinks rapidly the button should be released
Step 3: The Zone LED will no longer flash and the zone has been successfully unpaired

4.3 Unpairing all zones

Step 1: The user presses the Sensor-To-Zone Assignment Button of the zone to be unpaired
Step 2: While still holding the button, hold down the Sensor-To-Zone Assignment Button for zone 10
Step 3: When the Sensor Ready to pair LED blinks rapidly, the first button should be released, but the zone 10 button must still be held
Step 4: Now release the zone 10 button
Step 5: All the Zone LED's will no longer flash and all the zones have been successfully unpaired

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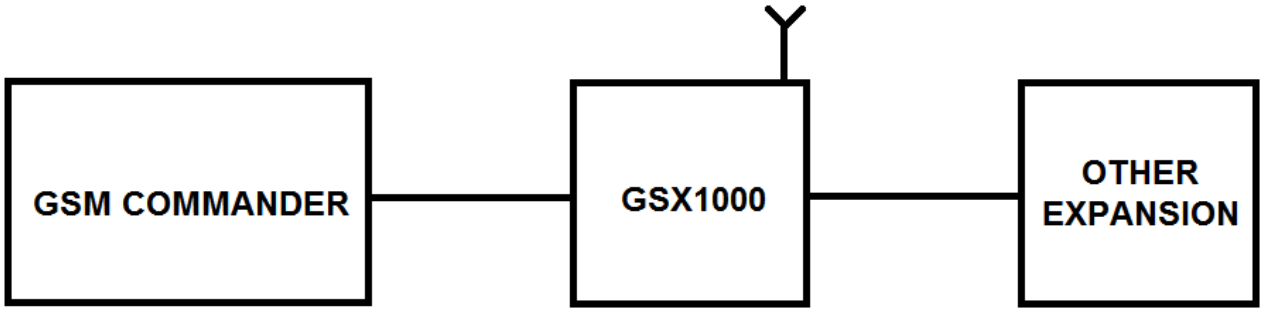
5. RUN MODE

Once the Setup/Run Mode Switch has been set to Run Mode, If a zone has one sensor paired, as soon as that sensor is activated, that zone will then activate. If a zone has two sensors paired, both of those sensors must activate (within 10 seconds of each other) for the zone to activate. In the case that the same sensor is paired twice to a single zone, that sensor must activate twice (within 10 seconds) for the zone to activate.

A zone will activate for 1 second and then deactivate. During this time the GSM Commander will see an active input (between input 3 and input 12).



6. MANUFACTURER CONTACT DETAILS

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