

## PANEL GUIDE

# Honeywell Galaxy G3, Classic, Dimension – RS485 – Ethernet Module

Updated April 9, 2025

### Latest information

<https://www.csl-group.com/panel-guides/honeywell/honeywell-galaxy-g3-classic-dimension-rs485-ethernet-module/>

## Panel Connection

|                        |                            |
|------------------------|----------------------------|
| Manufacturer           | Honeywell                  |
| Model                  | Galaxy                     |
| Version                | Dimension, G3, Classic     |
| Minimum Panel Firmware | V4.5                       |
| Cable required?        | Provided with DualCom Pro  |
| Panel Profile          | Honeywell-Galaxy-Eth-RS485 |
| Panel Connection       | RS485                      |



## Panel Connection Information

| Manufacturer | Panel                       | Connection      | Cable/Plug On                                        | Supplied Cables                                |
|--------------|-----------------------------|-----------------|------------------------------------------------------|------------------------------------------------|
| Honeywell    | Galaxy Classic/G3 Dimension | Ethernet Module | Lead provided with DualCom Pro or normal alarm cable | Green – RTN<br>Blue – RS485 B<br>Red – RS485 A |

## Connection and Power Up.

- Place the Galaxy panel in engineer mode.
- Connect the aerial(s) provided to the DualCom Pro.
- Connect power to the DualCom using AUX supply from the panel.
- Connect the DualCom Pro directly to the Galaxy's 485 bus using the lead provided. (4pin connection for panel – 3 wires A,B,RTN(-) for Pro) Note this must be bus line 1 of the Galaxy panel.
- The DualCom Pro will go through its power-up/registration process which will take approximately 2-3 minutes. The unit will reboot once completed. (Display will show N – C – R then reboot)
- Once the reboot has completed go to CSL My Base and change the panel type on the device to 'Honeywell-Galaxy-Eth-RS485'.

## Panel Programming

- Enter panel programming (12345 or 1234 Default code)
  - Select option 48
  - Select option 1 (system access).
  - (48.1.1) Select option 1 (Engineer).
  - Esc all the way out.
- Enter engineer mode (112233 or 1122 Default code)
- Select option 56 (communication).
- Select option 4 (Ethernet).
  - Select option 02 = Alarm Reporting.
  - (56.4.2.1) Select option 1 = Format
  - Select option 1 = SIA

- Select SIA level 3
  - Activate/deactivate any alarm groups you require (As default: 08 = Omit, 10 = setting, 13 electrical status are all turned OFF).
  - Esc back to 1=Format
  - Go across to option 2=Primary IP Ent
  - (56.4.2.2.1) Select option 1=IP address (Set this to 127.0.0.1 – 127.0.0.9) press Ent
  - (56.4.2.2.2) Select option 2=Port no. (set this to 50561)
  - Esc back to option 2 = primary IP
  - Go across to option 4 = Account no.
  - (56.4.2.4) Enter the last 6 digits of the Connection ID found on M Base.
  - Esc back to 02 = Alarm Reporting
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- Go across to 03 = Remote access
    - (56.4.3.1) Enter 1 = Access period make sure it's set to **Anytime**. Esc back
    - (56.4.3.2) Go across to 2 = Mode. Make sure it's set to **Direct Access**.

Escape all the way out of engineer mode, this will then learn the DualCom on the bus line and will add 2 modules. Com Mod 4 and RKP 15

Programming complete.

## Troubleshooting & Testing

You can see if the unit is already learnt on the bus line by going into:

- 61 – Diagnostics / 1=latest / 02=KEYPAD COMMS / keypad 15 = 100%
- 61 – Diagnostics / 1=latest / 06=COMMS MODELS / ETHERNET 100%

You can check to make sure the DualCom had taken the Panel type:

- Press the A button on the pro unit until R is displayed.
- Press C. The display should read GALAXY UNKNOWN.
- If the display reads NONE please call our Tech support.