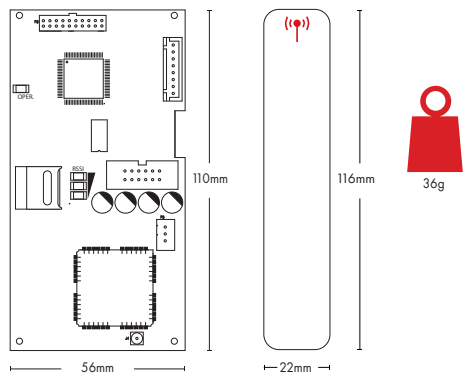


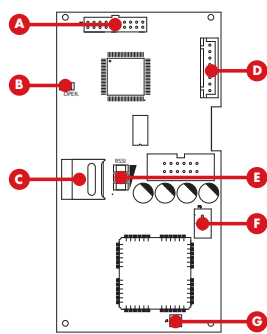
4G COMMUNICATIONS MODULE

PARTCODE: DIGI-4G



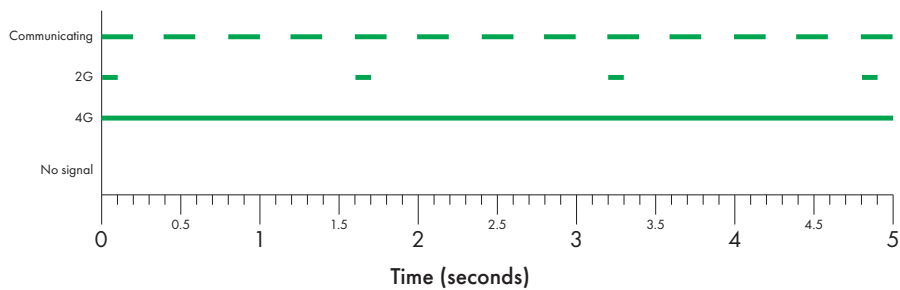
Specification	Value
Dimensions and weight (W x H x D)	56 x 110 x 9mm, 36g
Temperature	Storage: -40°C to 80°C Operating: -10°C to 40°C
Operating voltage	~9-16VDC
Operating current	~40mA @ 12VDC
Signalling and connection methods	Fast Format IP, Contact ID IP, SIA3 IP and cloud connections.
Operation mode	Pass-through
Signal fault detection time	Minimum = 2 minutes 30 seconds
Standards	EN IEC 61000-6-3:2021 EN IEC 62368-1:2024+A11:2024 EN 50136-1:2012+A1:2018 EN 50136-2:2013+A1:2023 ETSI EN 301 511:V12.5.1 ETSI EN 301 489-1 V2.2.3 EN 301 489-52 V1.3.1 ATS: SP5
Environmental class	II

PCB OVERVIEW



- A. Programming port
- B. Operation LED
- C. Micro SIM holder
- D. Loom port
- E. Signal strength LEDs
- F. Power in port
- G. MMCX connection for antenna

OPERATION LED



Communicating

Rapid Flashing LED.
Module is currently transferring data to the app, upload/download platform or to an ARC.

2G Signal

Slowly flashing LED.
Module has 2G signal and is not currently transferring data.

4G Signal

Steady on.
Module has 4G signal and is not currently transferring data.

No Signal

Off.
Module has no 2G or 4G data path.

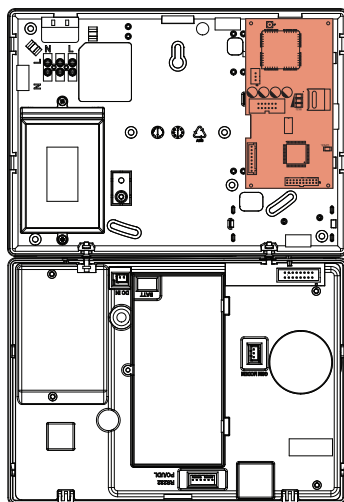
INSTALLATION

Enforcer control panel

Before removing or installing any communication modules, the control panel must be fully powered down.

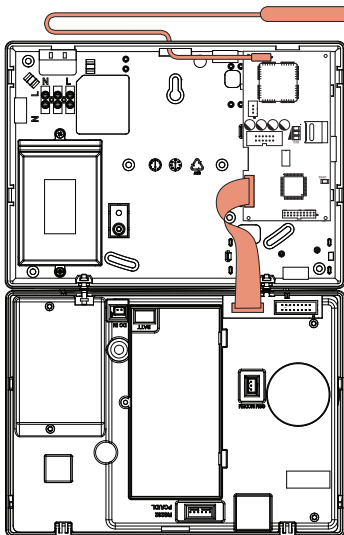
If a module is already installed in the back of the Enforcer, remove it first. Then, securely clip the new 4G module into the top right corner of the control panel.

If you have purchased your own SIM card, please insert this into the module.

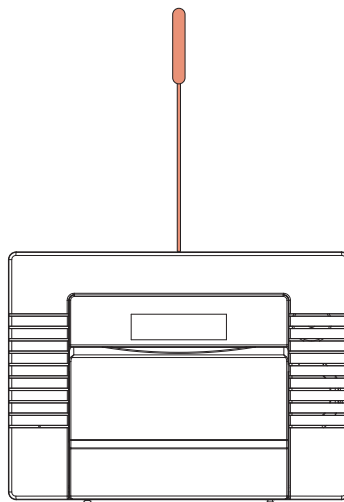


Connect the multi-coloured loom between the module and the Enforcer.

Feed the antenna through the top of the control panel and connect it to the module.



The external antenna needs locating away from the control panel where the best signal is gained.

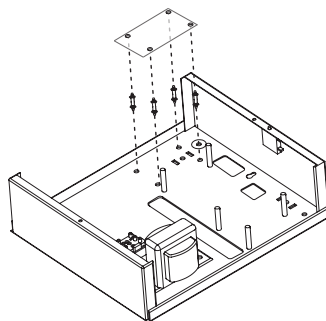


EURO and PCX

Before removing or installing any communication modules, the control panel must be fully powered down.

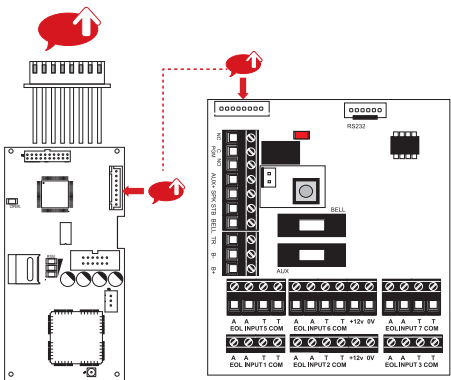


Using the 4 nylon stand offs provided, secure the 4G module in place.



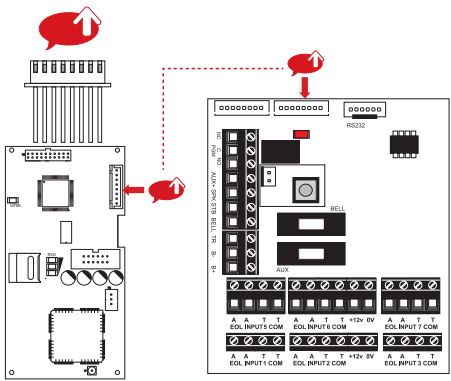
Connecting to a EURO 46 or 76

Connect the multi-coloured loom to the left port on the EURO PCB.

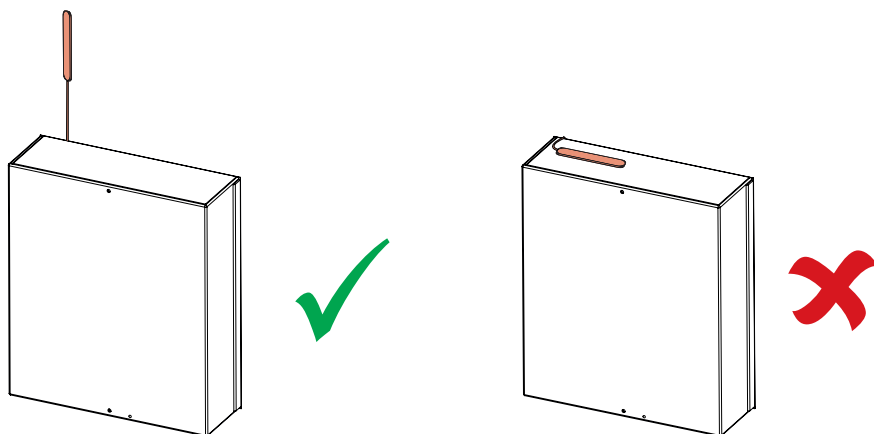


Connecting to a PCX

Connect the multi-coloured loom to the right port on the PCX PCB.



Regardless which control panel the 4G module is fitted in, the antenna should be installed away from the end station, at the full extent of its cable, where the signal is strongest.



PRODUCT INFORMATION

For electrical products sold within the European Community: at the end of the product's life, it should not be disposed of with household waste. Please recycle where suitable facilities exist. Check with your local authority or retailer for recycling guidance specific to your country.

To prevent possible damage to components, eliminate any static charge on your body before touching the inside of the unit. This can be done by touching a grounded (earthed) metallic conductor, such as a radiator or metal pipework, immediately before touching product.

WARRANTY

This product is sold subject to our standard warranty conditions and is warranted against defects in workmanship for a period of two years. In the interest of continuing care and design, Pyronix Ltd reserves the right to amend specifications, without giving prior notice. For further information visit: www.pyronix.com/uk/terms-conditions-sales/