



SPECIFICATION SHEET

InterLINX[®] LITE SMS/IoT Communicator

FPC-30127-XX

V1

The FPC-30127 InterLINX[®] LITE is a standalone wireless communicator using the 4G LTE network to provide both SMS alarm messages and IoT platform monitoring. This powerful module is available in either a simple compact poly enclosure for indoor installation, or in a weather resistant powder coated metal enclosure.

With a phonebook portal to store up to 10 mobile numbers, the InterLINX[®] LITE communicator has the ability to send status conditions, alarm notifications and reminder messages. SMS commands sent from a mobile device is able to activate an output relay to provide remote control to compatible connected equipment.

HARDWARE FEATURES

Enclosures:

- IP55 rated Halogen-Free Polypropylene enclosure for indoor mounting
- IP65 rating, powder coated zinc steel weatherproof single door enclosure for outdoor mounting

Protection:

- 24Vdc Low voltage control and input circuitry
- DIN rail mount ELV fuse

Control & Interface:

- InterLINX[®] LITE module for SMS/IoT communication via cellular 4G LTE network
- 2.4GHz Wi-Fi hotspot connection for configuration portal access

Inputs:

- 1Ph, 240Vac power supply
- 2x Digital 12Vdc inputs (configurable for pulse)

Output:

- 1x Relay output – change over contacts

Antenna:

- Local module mounted 4G LTE 40mm stub antenna for poly enclosure
- Top mount weather and vandal resistant 4G LTE antenna for metal enclosure

Solar:

- Solar panel with regulator for off-grid applications

Included with panel:

- 1Ph, 240Vac, 1.5mtr power supply cable with 10amp 3pin plug (Excluding Solar Powered Model)

KEY FEATURES

- Collected data from inputs and output is transferred via IoT to Propitect[®] cloud monitoring platform
- Easy setup and configuration using Web Server Portal via Wi-Fi Hotspot
- SMS command programming option
- Up to 10 phone number recipient list
- Pulse signal configuration on both digital inputs
- Smart help responses on incorrect sent commands
- Supply voltage alarm monitoring
- Daily reminder message activation
- Plastic indoor or powder coated metal outdoor enclosure options
- Standard 4G LTE cellular Micro SIM card required

SPECIFICATIONS

Power supply	8-24Vdc, Max continuous current draw of 310mA @ 12V and 160mA @ 24V
Operating Conditions	-20°C to 50°C, IP20
Digital inputs	2x digital inputs. Either 2 of which can be programmed as a Pulse Input. Trigger voltage 2.5Vdc, Input impedance 2400Ω
Outputs	1x Change over relay Rated load 1A@24Vac/dc
Cellular connection	4G LTE CAT-1 on bands 3, 7, 28 & B28 External GSM Stub Antenna connected using SMA jack (female pin) Accessible Micro SIM card SMS
Wi-Fi Hotspot	802.11 b/g/n, 2.4GHz, supports WAP, WPA2, WPA-3, including WPA3 open password free encryption
Configuration	Via Configuration Portal or cellular SMS

STANDARD MODELS

Code	Enclosure	Antenna	Supply Voltage	IP Rating	Enclosure Sizes
FPC-30127-PE	Poly	Local 45mm Stub	230Vac	IP54	199mm W x 158mm H x 93mm D
FPC-30127-ME	PC Metal	Top mount sealed	230Vac	IP65	200mm W x 300mm H x 150mm D
FPC-30127-SOLAR	PC Metal	Top mount sealed	12Vdc	IP65	300mm W x 400mm H x 200mm D