

# SMS ALARM/STATUS COMMUNICATOR



FPC-30121

**ME-Link**  
IoT/SMS MODULE

MATElec Australia's IoT Communicator features the newly designed ME-Link IoT Module, which is a cellular CAT-M1 remote monitoring and control device utilising the 700Mhz frequency for best in class signal strength. The Communicator reports status information and active alarms from up to 8 digital, 2 Analog and/or Modbus RS485 inputs. The ME-Link IoT Module also features two programmable relay outputs for control. ME-Link has been specifically designed to seamlessly integrate with the Propitector® IoT Platform, for seamless communication of device and input status, telemetry acquisition and display, whilst providing real time monitoring and alerts for for input device parameters.

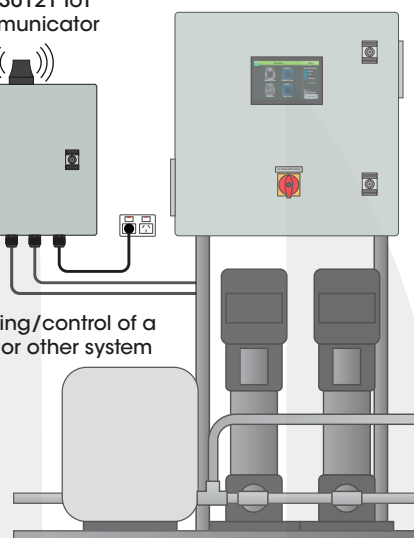


ME-Link IoT/SMS Module



FPC-30121 IoT Communicator

Remote Monitoring/control of a pump station or other system



## HARDWARE FEATURES

### Enclosure:

- IP54 rated, powder coated mild steel enclosure with removable gland plate

### Protection:

- Low voltage control and input circuitry
- Din rail mounted terminal connections

### Control & interface:

- ME-Link IoT module (requires WiFi connection or can be configured with 4G SIM card)
- Vandal resistant antenna (remote mount high gain antenna also available for low signal strength areas)
- Battery backup for mains power failure

### Inputs:

- Single phase (230Vac) power supply
- 6x Digital 12Vdc inputs (configurable for pulse)
- 2x 4-20mA Analog Input
- Modbus RS485 connectivity

### Outputs:

- 2x Relay outputs on ME-Link module

### Included with panel:

- 10 Amp 3 pin 1.5m power supply lead

## FUNCTIONS

- All collected data from inputs and outputs is securely transferred to the Propitector® IoT platform
- All inputs to the ME-Link can be configured in the portal.
- Alarms can be set up based on input status or set points. Alarm messaging can be sent via email and/or SMS messages
- An intuitive map display for device location and immediate recognition of system status.
- Data from inputs and outputs can be graphed and recorded via a telemetry tab.
- The relay outputs of the ME-Link can be easily via the portal.
- The portal can be used to read or write to any connected Modbus RS485 device, up to 4 devices can be connected
- Designed to integrate seamlessly with MATElec Australia's range of Pump and Motor Controllers

## SMS ALARM/STATUS COMMUNICATOR

Code	Description	Enclosure Size
FPC-30121-IoT	IoT Communicator Panel	300x300x150mm