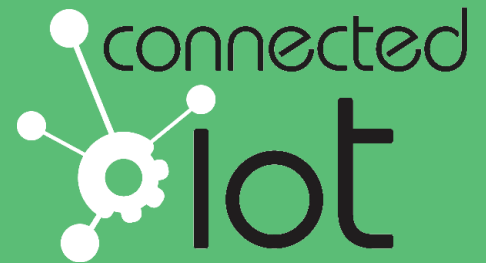


M2M SignalExplorer

Cellular Signal Strength Tool Kit



The M2M-SignalCheck is a 4G/3G cellular signal strength test kit for cellular M2M/IoT applications.

Detailed signal data can be displayed via units WiFi link on a mobile phone, PC or tablet.

The device is extremely easy to use for standard signal checking requirements, and has advanced and customisable features for users requiring additional functionality.

Key time saving features include:

- » Indicator/Traffic lights for very simple confirmation of suitable signal based on user configurable metrics
- » Push button for sending SMS or Email with current signal data
- » Large user replaceable rechargeable battery for reliable battery operation (10+ hours), with inbuilt charger
- » Optional concurrent CatM/NBLoT Scanning
- » Logging and sending of signal data to a server
- » Optional GPS for concurrent position data logging



LTE: Bands 3, 5, 8, 28
UMTS: Bands 1, 5, 8



Optional Concurrent CatM / NBLoT Signal Scanning



User Replaceable battery
10+ Hour Battery Life
Inbuilt charger



User Programmable
Go / No-Go Indication
For Quick Site Confirmation



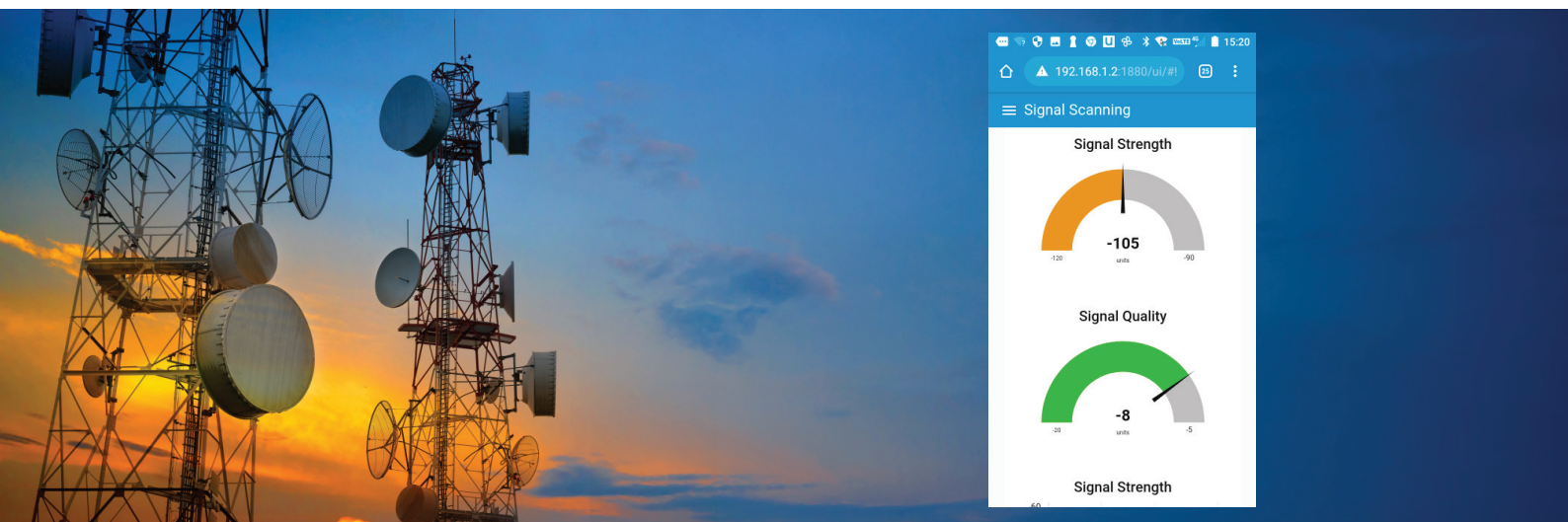
Press a button to send an SMS or Email with Signal Data



Logged data available



Send Data to Server by MQTT
(other data sending methods available, contact supplier)



Connected IoT
info@connected-iot.com.au

Cellular Connectivity - Standard

Quad-Band LTE Bands 3, 5, 8, 28 (1800, 850, 900, 700 MHz)
Tri-Band UMTS Bands 1, 5, 8 (WCDMA/FDD 2100, 850, 900 MHz)
LTE Cat. 1 DL: max. 10.2 Mbps, UL: max. 5.2 Mbps
HSPA+ Cat. 8 data rates DL: max. 7.2 Mbps, UL: max. 5.76 Mbps

Cellular Connectivity - Optional CatM/NB-IoT

Cat M1/NB1 bands: 2, 3, 4, 5, 8, 12, 13, 20, 26, 28
2G/EGPRS Bands: 850/900/1800/1900 MHz

GPS - Optional

Optional GPS can be fitted to the kit, either mounted on case or via M12 connector and cable - contact supplier

Power Supply

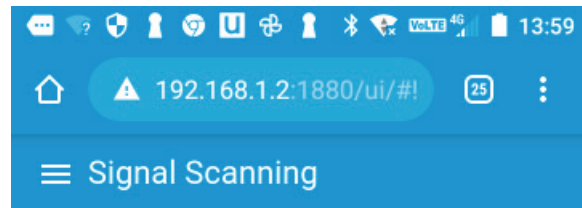
15 to 25VDC 18W Minimum Recommended
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Battery

12V 4.5ah SLA Battery, user replaceable
Internal Battery Charge Controller with Low Battery Voltage Protection

Physical/Environmental

Operating Temperature Range -10°C to 40°C Non-condensing
Dimensions 216 x 180 x 152 mm
Weight 2.5g including battery



Signal Scanning

ACT	4G
Network	Optus AU
Registration Status	Registered Home Network
Start/Stop Scanning	<input checked="" type="checkbox"/>
Band	3
Cell ID	121800A / 398
IP Address	10.92.12.221
APN	connect.mnc002.mcc505.gprs

