

# CM910 CELLULAR MODEM



## HIGH SPEED, LOW POWER, CELLULAR CONNECTIVITY

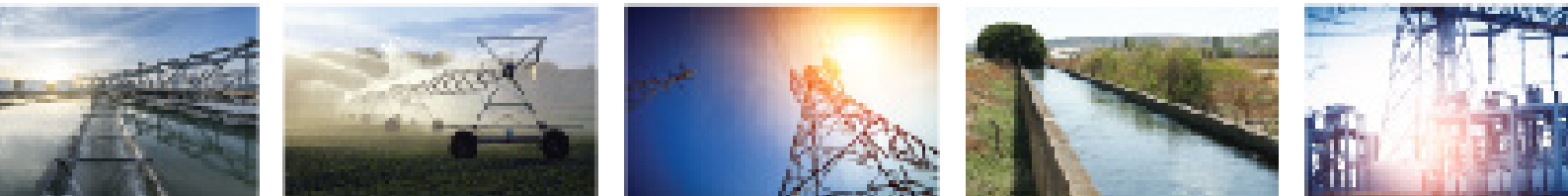
The CM910 Cellular Modem is a High Speed, Low Power, Cellular Connectivity Modem providing M2M connectivity for mobile, industrial and general-purpose communications applications. An ideal platform providing for SMS and data connectivity via a serial or USB (2.0) interface.

With simple, low-cost implementation it makes an ideal solution for those non-critical sites where guaranteed radio communication is not so essential or where radio paths are border line or do not exist.

The QTech CM910 Cellular Modem is capable of connectivity with all current telecommunications companies in New Zealand and Australia for both SMS and data communications and is fully compliant with their 3G & 4G Specifications.

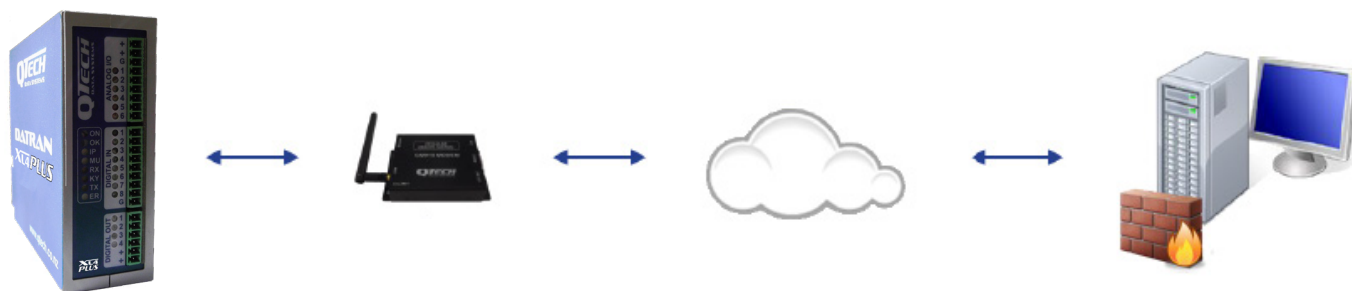
### KEY BENEFITS

- No static IP-address needed
- Low power consumption
- Low running costs and easy to install
- Wide range of operating voltages from 9-24V DC
- Operates with Standard and Extended AT Command Sets.
- Compliant with New Zealand and Australia 3G & 4G Specifications
- Connectivity with all current New Zealand and Australian telecommunication companies
- DATRAN XL4 Plus is CM910 aware
- DATRAN VI "SMS Direct" is CM910 aware



## APPLICATION EXAMPLE

SCADA system implementation:- a XL4 *Plus* connected to a CM910 cellular modem using TCP communication over the internet through a security firewall to the DATRAN base station.



## SPECIFICATIONS

### ELECTRONICS

- Modem – LE910C1-AP

### ELECTRICAL

- Operating Voltage: 12 – 24 Volts DC
- Power Connector: 2.1mm DC Socket, centre pin positive
- Current Consumption: Nominal ~14mA @ 12V  
Nominal ~10mA @ 24V

### CONNECTIONS

- Antenna – 50Ohms, SMA connector
- USB Port – Type B Socket
- RS232 Port – DB9 female connector

### OPERATING CONDITIONS

- Temperature – 0°C - 70°C
- 90% humidity, non-condensing

### MODEM SPECIFICATIONS

- 3G bands (MHz): B1(2100), B5(850), B8(900)
- 4G bands (MHz): B1(2100), B3(1800), B5(850), B8(900), B28(700)

### PHYSICAL

- Qty 4x M4 mounting holes at ~102 x 50mm centres
- Dimensions H 112 x W 75 x D 25 mm
- Weight 261g

## ORDERING DETAILS

Product Code: PD9320- 4G

Please refer to our website for further product information and optional accessories.

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