

Cloud Link 4G Cat M1 Modem

Designed for Battery-powered Applications and Outdoor Operations in Hazardous Locations

Brief information

The Honeywell Cloud Link 4G Modem is a 4G/LTE Cat M1 cellular device intended to process serial data originating from any source, including a Honeywell Electronic Volume Corrector or Data Logger.

Designed for low power applications and outdoor operations, the Cloud Link 4G Modem is a full-featured, easy to configure and troubleshoot Wireless Cellular Modem. This communication unit is fully field-programmable and simple to use through its Bluetooth Low Energy or serial interfaces and associated set of programming software. In sleep mode, the modem consumes 100 times less power than competitive products while still being able to be reactivated by an external signal.

Thanks to its targeted design, the Cloud Link 4G Modem requires less power to operate than any other cellular modem available today. It is designed to operate in battery powered applications.

The Cloud Link 4G Modem is CSA, Class I Div 2 approved making it a perfect solution for gas measurement applications where safety is always a concern.

This modem can be configured using the same MasterLink software that is used to configure other Honeywell Mercury® electronic volume correctors, data loggers and Modems. No additional software is required. In addition, MasterLink is now available as an App that can be installed on IOS and Android devices. The Cloud Link 4G Cat M1 Modem can be easily retrofitted in MiWireless enclosures. A dedicated kit has been designed to support a smooth transition from 2G/3G to 4G networks.



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FEATURES & BENEFITS

- 4G Cat M1 Low Power transparent serial modem
- Certified with Verizon
- RS232/485 interface
- 2 Digital Input
- Same footprint as Cloud Link 4G (Cat 3) Modem
- For 2G/3G to 4G migrations, the Cloud Link 4G Modem is easy to retrofit in MiWireless assemblies
- CSA C/US Class-I, Div-2
- Bluetooth Low Energy interface can be used for wireless configuration
- Configured through MasterLink programming software and App

TECHNICAL SPECIFICATIONS

WIRELESS SPECIFICATIONS

- LTE:** Band 13 (700 MHz)
- Transmit Power 23(±2)dBm
 - Receive sensitivity ~-99dBm

Bluetooth Low Energy:
v.4.0 (2402-2480MHz)

ENVIRONMENTAL CONDITIONS

Temperature: -40°C to +70°C (Div 2 SKU)

Humidity: 0%-95% RH, non-condensing

POWER SUPPLY OPTIONS

Battery connector:

- 7.2Vdc nominal, 6.8Vdc min / 7.8Vdc maximum,
- 0.8A peak.

External power:

- 4.8Vdc min / 30Vdc max,
- 0.8A peak.

INPUT/OUTPUTS/INTERFACES

Digital input 1: pulse counter, alarm input (typical door tamper alarm), call trigger

Digital input 2:

- Hardware reset
- RS232/485
- RS232 Configuration port
- Magnetic switch: wakes the unit up by swiping a magnet and forces a call

WARRANTY

4 year standard warranty.

DIMENSIONS

- 136 mm x 25 mm x 83.5 mm
- 5.4 in x 1 in x 3.3 in

CERTIFICATIONS

- Verizon
- CSA C/US Class I, Div-2, Group A, B, C and D, T4
- FCC
- Industry Canada

SECURITY

SSL version security

For more information:

To learn more about Honeywell's Smart Gas Metering Solutions, visit www.honeywellprocess.com or contact your Honeywell Process Solutions representative.

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