


EWM400

 **CELL** – 3G/LTE CAT-1

3G/LTE CAT-1 Industrial Data
Modem - Single SMA

Developed in collaboration with long-time EDMI partner Sierra Wireless, the EWM400 provides EDMI meters with highly reliable LTE CAT-1 connectivity.

Available with 3G fallback functionality, the EWM400 supports quad band 4G connectivity for deployment worldwide.



I Key Features



3G




ADVANCED
LTE

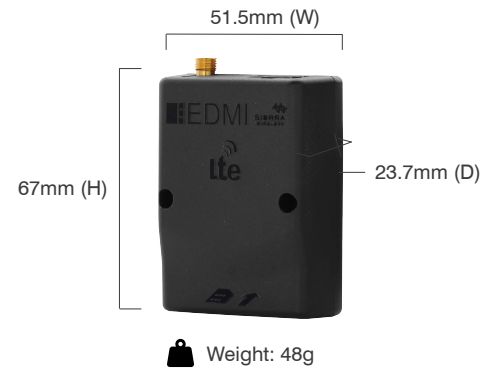


FIRMWARE OVER
THE AIR

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Standards and Compliance

- CE Certified
- RCM Certified
- GCF Certified
- RoHS
- Vodafone Approved

Frequency Bands

- Quad band LTE: 700/850/900/1800 MHz
- Triband UMTS/HSPA: 850/900/2100 MHz

Data Rates

- LTE CAT-1: 5Mbps UL/10Mbps DL
- HSPA: 5.76Mbps UL/14Mbps DL

RF Power (max.)

- Class 3 UMTS 850/900/2100 (+24dBm +1/-3dB)
- Class 3 LTE 700/850/900/1800 (+23dBm ±2dB)

Electrical

- Supply voltage: 4.75V - 32V DC
- Power consumption (standby): 0.1W
- Power consumption (max): 3.5W(3G), 2.6W (LTE CAT-1)

Interface

- Antenna: SMA female connector
- Micro-Fit™ 8-pin data cable connector
- LED status indicator
- Mini SIM (2FF): 3V/1.8V
- Control via AT commands according to 3GPP TS 27.007, TS 27.005 and customized Sierra Wireless AT commands

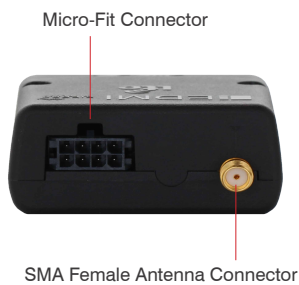
Module

- Sierra Wireless AirPrime HL7650

Environmental

- Specified operating range:
-30 °C to +75 °C
- Storage range limit:
-40 °C to +80 °C

Modem Top View



Modem Bottom View



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