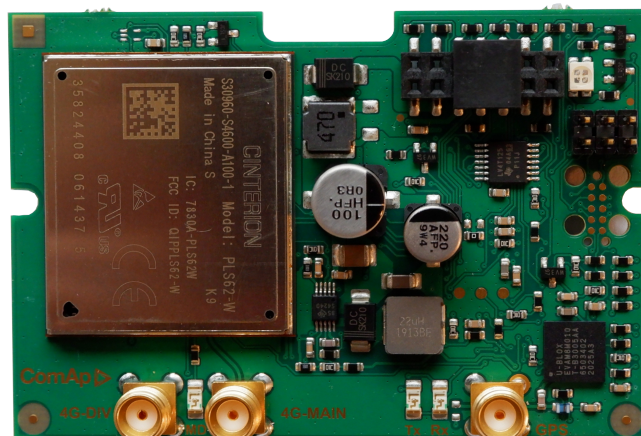


CM2-4G-GPS



Order code: CM24GGPSXBX

4G & GPS plug-in communication module

Datasheet

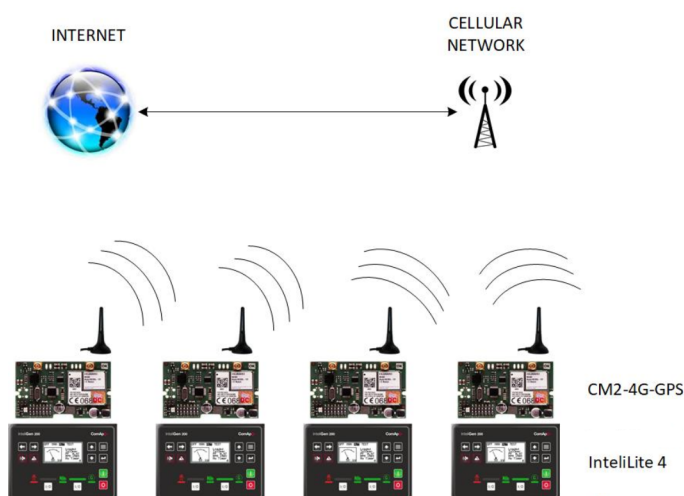
Product description

- Internet connection via cellular network
- Built-in 4G (LTE) cellular modem
- Built-in GNSS (GPS, GLONASS) module for device tracking

Key features

- Wireless Internet connection via cellular modem
- AirGate 2 support
- Global 4G (LTE) module with 3G/2G backup
- Tracking via GNSS module
- WebSupervisor support
- Active e-mails and SMS support

Application overview



Technical data

General

Width × Height × Depth	73.8 × 50.3 × 15
Weight	~35 g
Power supply	8-36 V DC
Power consumption	1.7 W
Peak power consumption	10 W
Operating temperature	-30 °C to +70 °C
Storage temperature	-40 °C to +80 °C

GNSS

Antenna interface	SMA female, 2.8 V / 20 mA
Antenna type	Active

Cellular

Supported networks and frequency bands	➤ 2G (GSM/GPRS/EDGE) Quad band, 850/900/1800/1900 MHz ➤ 3G (UMTS/HSPA+) Seven band, 800 (BdXIX) / 850 (BdV) / 900 (BdVIII) / AWS (BdIV) / 1800 (BdIX) / 1900 (BdII) / 2100MHz (BdI) ➤ 4G (LTE) Twelve band, 700 (Bd12 <MFBI Bd17>, Bd28) 800 (Bd18, Bd19, Bd20) 850 (Bd5) / 900 (Bd8) / AWS (Bd4) / 1800 (Bd3) / 1900 (Bd2) / 2100 (Bd1) / 2600MHz (Bd7)
Antenna interface	2x SMA female (Main and Diversity)

Available antennas

Combined antenna 4G/LTE and GPS	Antenna for 2G, 3G and 4G/LTE networks as well as for GPS	OT1A4GGPSCX
Combined antenna 4G/LTE and GNSS	2 × 4G LTE/3G/2G MIMO, GPS/GLONASS/Galileo SM Antenna	OT2A4GGPSCX

Certificates and standards

➤ EN 61000-6-2 ➤ EN 61000-6-4 ➤ ETSI EN 301 489-1 ➤ EN 60068-2-1, EN 60068-2-2 ➤ EN 60068-2-6 ed.2:2008 ➤ EN 60068-2-27 ed.2:2010 ➤ EN 60068-2-30:2005 25/55°C, RH 95%, 48hours	  R 003- 180238 T D180136003 Note: Valid with OT2A4GGPSCX.
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