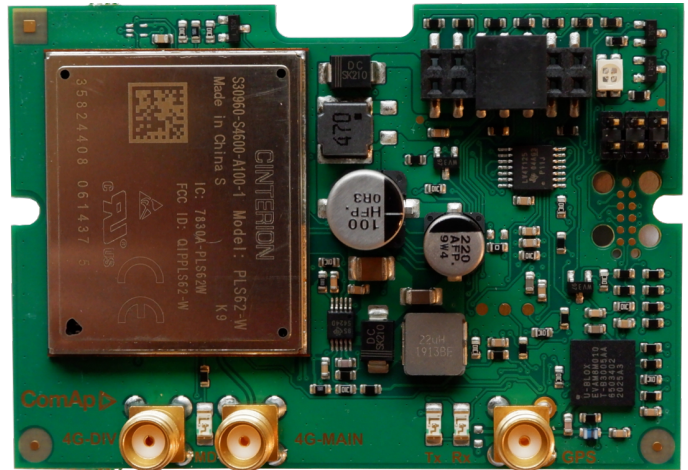




CM2-4G-GPS



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 x Height x Depth	73.8 x 50.3 x 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 (PLS62-W)	<ul style="list-style-type: none"> ➤ 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)
Supported networks and frequency bands (PLS63/PLS83-W)	<ul style="list-style-type: none"> ➤ 2G (GPRS/EDGE): 850,900,1800,1900MHz ➤ 3G (UMTS/HSPA): Bd1 (2100MHz), Bd2 (1900MHz), Bd3 (1800MHz), Bd4 (2100MHz), Bd5 (850MHz), Bd6 (850MHz), Bd8 (900MHz), Bd19 (850MHz) ➤ 4G (LTE-FDD): Bd1 (2100MHz), Bd2 (1900MHz), Bd3 (1800MHz), Bd4 (2100MHz), Bd5 (850MHz), Bd7 (2600MHz), Bd8 (900MHz), Bd12 (700MHz), Bd13 (700MHz), Bd18 (850MHz), Bd19 (850MHz), Bd20 (800MHz), Bd26 (850MHz), Bd28 (700MHz), Bd66 (2100MHz) ➤ 4G (LTE-TDD): Bd38 (2600MHz), Bd40 (2300MHz), Bd41 (2500MHz)
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
Combined antenna 4G/LTE and GNSS	2 x 4G LTE/3G/2G MIMO, GPS/GLONASS/Galileo SM Antenna
4G/LTE/3G/2G Antenna	Antenna for 2G, 3G and 4G/LTE networks



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