

# CNDG3003 4G Industrial Modem

The CNDG3003 4G Industrial Modem offers robust and reliable connectivity to 4G LTE Cat 1 (700/800/900/1800/2100 MHz) and fallback to 3G (UMTS/HSPA+) / 2G (GPRS/EDGE) mobile networks in a compact enclosure.

Based on the European Thales wireless module, the modem can be quickly integrated into any Windows system via serial RS232 or USB port (Supports plug and play support for Windows 10/2016/2019/2022 systems without the requirement to install 3rd party drivers, hence providing greater cybersecurity, ease of use and future upgradability).

For critical infrastructure, utilities and defense industry application, the modem provides a secure means of transmitting SMS over traditional Cellular networks without connecting to the Internet or any corporate IT networks. As an AT Command only device, it has no Ethernet port and can only be configured/accessed using a serial interface (9-PIN RS232 or Serial-over-USB). *\*For connecting to corporate networks, a separate Serial-to-Ethernet converter device can be attached to the modem.*



## Basic Features

- ✓ **4G LTE Bands 1, 3, 8, 20, 28 (700, 800,900, 1800, 2100 MHz) and 3G (900/2100 MHz)/2G\*\* Fallback**
- ✓ **USB (built-in Serial-over-USB) or RS232 9-PIN Serial interface**
- ✓ **Made in Taiwan (ROC) and based on reliable European Thales wireless module**
- ✓ **Uses external AC power supply for better signal**
- ✓ **CE Certified**
- ✓ **Bundled with Magnetic Whip Antenna, AC Power Adapter, Serial and USB cable.**

Features	CNDG3003 4G Industrial Modem
2G GPRS/EDGE	Dual-Band GSM 900 and 1800 MHz
3G UMTS/HSPA+	Dual-Band UMTS/HSPA+: Bands 8, 1 (900, 2100 MHz)
4G LTE Cat 1	LTE Bands 1, 3, 8, 20, 28 (700, 800,900, 1800, 2100 MHz)
Text and PDU SMS	✓
Point to point SMS (MT/MO)	✓
Operating status LED	✓
Casing	Plastic
Interfaces	Micro-USB Port / RS-232 (female) / 50 Ohm SMA Antenna
Power Supply Input (AC adapter)	100-240V / 50-60Hz
Humidity	5~95% (non-condensing)
Size without connectors (in mm)	94 x 75 x 21mm
Weight (in g)	92 (without antenna)
Operating (in °C)	-40 ~ +75°C
Input voltage	5 to 32 V DC