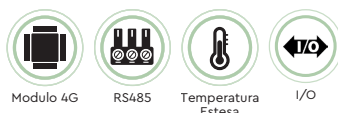




ORDER CODE	COMM. CODE
IME11	IMDE-4G



## 4G Industrial modem

- High-speed 4G module
- 2x RS232 and 1 x RS485
- TCP server/client support
- TCP/IP integrated protocol stack
- Low energy consumption
- 3xDI/DO and 2xADC (customisable DI/DO for pulse counting)

APPLICATIONS
Industrial/Professional
Monitoring

PACKAGE CONTENTS
IME11 - F2816V4
Power supply unit
Serial Cable
4G antenna
Connector

IME11-IMDE-4G is a high-performance industrial 4G data modem with a metal case and IP30 protection. It is a low-power modem equipped with RS232 and RS485 interfaces, which allow the device to be connected easily and transparently to a cellular network. It has 3 DI/DO and 2 ADC (customisable DI/DO for pulse counting). It is an industrial Plug&Play modem, easy to configure and supports TTL, ADC customization and serial upgrade. Integrated standard TCP/IP protocol stack, supports TCP server and supports multiple TCP client connections. Supports transparent data transmission and multiple online activation modes are possible, including SMS, ring and data. Supports automatic recovery mechanism, including online detection, automatic redial when offline to keep it always online.

Widely used in M2M fields such as industrial automation, power grid, telemetry, POS, water supply, environmental protection, postal service, weather, etc.

## TECHNICAL CHARACTERISTICS

MODULE FREQUENCY	LTE FDD 2600/2100/1800/900/800MHz, 700/1700/2100MHz(optional) DC-HSPA+/HSPA+/HSDPA/HSUPA/UMTS 850/900/2100MHz, 800/850/1900/2100MHz (optional) EDGE/GPRS/GSM 850/900/1800/1900MHz GPRS CLASS 10 GPRS CLASS 12
SPEED	Number of Ports: 2xRS232, 1xRS-485 (or RS422) EDS protection: ±15KV Baud Rate: 1200 at 230400 bps Data bits: 5, 6, 7, 8 Stop bits: 1, 1.5, 2 Control: None, Even, Odd 1 SIM (3V & 1.8V)
I/O	3xDI/DO e 2xADC (customisable DI/DO for pulse counting)
ANTENNA	Omnidirectional Quad-band 4G/3G/2G antenna
POWER SUPPLY	Input: +5 VDC to 36 VDC
TEMPERATURE	from -35°C to +75°C
OTHER	Dimensions: 91 × 58.5 × 22 mm (not including antenna) Weight: 205 g

