

ETM9440-8

2G/3G/4G CELLULAR SERIAL MODEM



The ETM9440 series terminals are industrial grade cellular modems with serial interface designed for demanding IOT applications. The units low power consumption and wide operating temperature range make them suitable applications in remote areas for example solar powered applications.

ETM9440-8 are 2G, 3G and 4G cellular wireless terminals, with RS232 serial interface, designed for demanding IOT applications.

CELLULAR MODEM WITH RS232 SERIAL INTERFACE AND 2G/3G/4G CONNECTIVITY

BENEFITS

- Low power consumption
- Wide operating temperature range
- Connectivity for data loggers
- Short messages (SMS)

FEATURES

- RS232 serial interface & USB interface
- Twelve-band LTE (4G)
- Seven-band UMTS (3G)
- Quad-band GSM/GPRS (2G)
- TCP/IP
- Status LED's



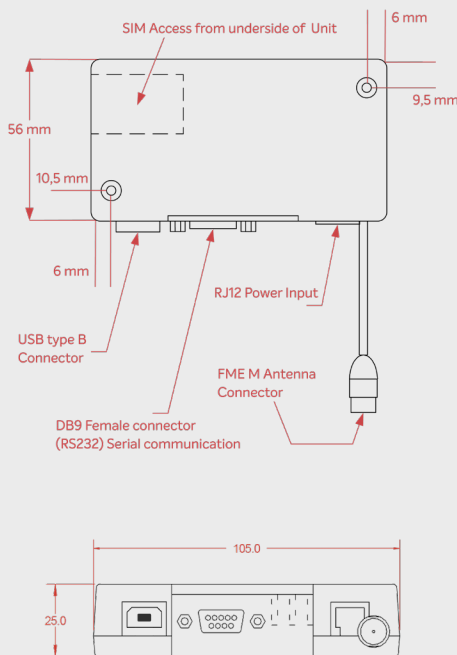
APPLICATIONS

- Remote solar powered applications
- Remote access to data loggers or PLC
- Mobile telematics solutions
- Automatic electricity meter reading

INPUTS

- DB9 Female connector
- RJ12 power input
- USB type B port

PHYSICAL DIMENSIONS



The units have a DB9 Female connector for RS232 serial interface, a RJ12 connector for power input, and a USB Port. The modem can be driven by AT commands and supports saving of an active profile.

SPECIFICATIONS

Model	ETM9440-8, 2G/3G/4G	
Part.no	20667	
Module	Cinterion PLS62-W	
Cellular	2G, 3G, 4G	
GNSS	No	
Frequency/bands	GSM/GPRS (2G)	850/900/1800/1900 MHz
	UMTS (3G)	800/850/900/ AWS/1800/1900/2100 Mhz (bands 1, 2, 4, 5, 8, 9, 19)
	LTE (4G)	700/800/850/900/ AWS/1800/1900/2100/ 2600 MHz (bands 1, 2, 3, 4, 5, 7, 8, 12, 18, 19, 20, 28,)
Data transmission	LTE Cat1	DL:10.2 Mb/s, UL:5.2 Mb/s
	UMTS/HSPA+	DL:7.2 Mb/s, UL:5.76 Mb/s
	GPRS	Class 12
	SMS	Yes
	TCP/IP	Yes
Dimensions	105 x 56 x 25 mm	
Weight	110 g	
Power supply	+6 VDC to +35VDC	
Power consumption	600mA (rated), <250mA (transmitting), <35mA (idle)	
Operating temp.	-30°C to +70°C	
Antenna	FME M	
Interfaces	RS232 serial connector (DB9), Power connector (RJ12), USB-Port	
Accessories	Many types of antennas, leads, cables, power supply and mounting brackets	

*Your chosen wireless carrier may not offer support for all described functionality - please contact us for technical qualification.

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