

>ETM9440-1 & ETM9420-1 3G & 2G cellular serial modems<



ETM9420/9440

ETM9420/9440 are 2G and 3G cellular wireless terminals, with RS232 serial interface, designed for demanding M2M applications. The units have a DB9 Female connector for RS232 serial interface, an RJ12 connector for power input, and a USB Port. The modem can be driven by AT commands and supports saving of an active profile.

- › Low power consumption
- › Wide operating temperature range
- › RS232 serial interface
- › USB Interface
- › Five-band 3G/quad-band 2G (ETM9440-1)
- › Quad-band 2G (ETM9420-1)
- › TCP/IP

ETM9420/9440



- › Low power consumption
- › Wide temperature range
- › RS 232 serial port
- › 6-35 V power input
- › TCP/IP
- › Worldwide 2G/3G Cellular coverage

The ETM9420/9440 series terminals are industrial grade cellular modems with serial interface designed for demanding M2M applications. The units low power consumption and wide operating temperature range make them suitable for solar powered applications in remote areas.

Model:	ETM9420-1	ETM9440-1
Module:	Cinterion TC63i	Cinterion PH8-P/PHS8-P
GSM:	2G	2G and 3G
Frequency:	GSM: 850/900/1800/1900 MHz	UMTS: 800/850/900/1900/2100MHz GSM/GPRS: 850/900/1800/1900 MHz
Data transmission:		
- HSDPA	No	DL: max 14.4 Mbit/s UL: max 5.76 Mbit/s
- UMTS	No	DL: max 7.2 Mbit/s UL: max 2.0 Mbit/s
- EDGE	No	Class 12
- GPRS	Class 12	Class 12
- CSD	Yes	Yes
- SMS	Yes	Yes
- Fax	Yes	No
- TCP/IP	Yes	Yes
Dimensions:	105x56x25 mm	
Weight:	110 g	
Power supply:	+ 6 VDC to + 35 VDC	
Power consumption:	600 mA (rated), <250mA (transmitting), <35mA (idle), <0.15mA (sleep)	
Operating temp:	-30°C to +70°C	
Antenna:	FME M	
Interfaces:	RS232 serial connector (9DF), Power connector (RJ12) USB Port	
Accessories:	Many types of antennas, leads and cables, power supply and mounting brackets	

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

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