

MicroCom-CM Specifications

Wireless Modem

Operating Frequency	824.01—893.97 MHz
Supply Voltage	13.2 Volts DC (Nom)
Supply Current	125 mA (nom) receive 1300 mA (nom) transmit
Antenna Connection	50 ohm SMA
Power Output	3 watts
Operating Temperature	-40 to + 70C

Interfaces

DC Power Connector	RP34
Digital Interface	RJ45
Analog Interface	RJ45
GPS Interface	RJ11
Serial Interface	RJ11
Antenna Connector	SMA

Processor

Processor	25 MHz
SRAM	128K
Flash Memory	512K
Real-time Clock	Calendar & alarm functions

Inputs	4 Analog - 0-5 volts level, 4-20 mA level, 10-bit resolution 4 Digital - 0-5 volts logic level, 10K pull-up to 5 volts 1 Serial RS-232 - 9600 baud, N, 8, 1 1 GPS (serial) - 4800 baud, N, 8, 1, NMEA-2 compatible
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Outputs	3 Digital - 0-5 CMOS levels, 1K series resistor 4 Status LED's - Power, service, Transmit, GPS 1 Serial RS-232 - 9600 baud, N, 8, 1
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Mechanical

Enclosure	Extruded Aluminium
Dimensions	13 cm x 5 cm x 8 cm (5.25" x 2" x 3.125")
Weight	378 Grams (13.5 OZ)
Colour	Blue Anodized

Power

Voltage	13.2 VDC (nom)
Current Operating	150 mA
Current Transmit	1.5 A
Current Sleep	5 mA
Current Max.	1.5 A

Certification

Class 1 Div. 2, Groups C, D Temp Code: T4
Can/CSA C22.2 E-79-15