

GSM / GPRS MODEM



Specification

Serial Communication Parameters

Data Bits	8
Stop Bits	1
Parity	None
Flow Control	RTS/CTS
Baudrate	300 bps to 230.4 kbps

Serial Signals

RS-232	TxD, RxD, RTS, CTS, DTR, DSR, RS-422 Tx+, Tx-, Rx+, Rx-, GND
RS-422	Tx+, Tx-, Rx+, Rx-, GND
RS-485-4w	Tx+, Tx-, Rx+, Rx-, GND
RS-485-2w	Data+, Data-, GND

Power Requirements

Input Voltage	12 to 48 VDC
Power Consumption	12 to 48 VDC, 100 mA (idle), 625 mA (max.)

Environmental Limits

Operating Temperature	OnCell G2111/G2151I: -20 to 55°C (-4 to 131°F) OnCell G2111-T: -25 to 70°C (-22 to 158°F) OnCell G2151I: RS-232 (DB9 female connector), RS-422/485 (5-pin terminal block connector)
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ESD Protection 15 kV (G2111 only)
Optical Isolation 2.5 kV (G2151I only)

Serial Communication Parameters

Data Bits 8
Stop Bits 1
Parity None
Flow Control RTS/CTS
Baudrate 300 bps to 230.4 kbps

Serial Signals

RS-232 TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
RS-422 Tx+, Tx-, Rx+, Rx-, GND
RS-485-4w Tx+, Tx-, Rx+, Rx-, GND
RS-485-2w Data+, Data-, GND

Power Requirements

Input Voltage 12 to 48 VDC
Power Consumption 12 to 48 VDC, 100 mA (idle), 625 mA (max.)

Environmental Limits

Operating Temperature OnCell G2111/G2151I: -20 to 55°C (-4 to 131°F)
OnCell G2111-T: -25 to 70°C (-22 to 158°F)
Storage Temperature -40 to 75°C (-40 to 167°F)
Ambient Relative Humidity 5 to 95% (30°C, non-condensing)