



SE-CM3150 (Industrial 4G Modem Description)

Cellular	Bands
EMEA/Middle East/ Asia Pacific	FDD LTE:B1(2100)/B3(1800)/B5(850)/B7(2600)/B8(900)/B20(800) TDD LTE:B38(2600)/B40(2300)/B41(2500) 3G:B1(2100)/B5(850)/B8(900) 2G:B3(1800)/B8(900)
North America	LTE-A: B1-B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41
Japan/Taiwan/Australia	FDD LTE:B1(2100)/B2(1900)/B3(1800)/B4(1700)/B5(850)/B7(2600)/B8(900)/B28(700) TDD LTE:B40(2300) 3G:B1(2100)/B5(850)/B8(900) 2G:B2(1900)/B3(1800)/B5(850)/B8(900)

Software	Functions
Network Protocols	TCP/UDP
Reliability	Keepalives, automatic recovery from failure,
	Self-diagnostics, automatic recovery from failure
	Automatic dial up when powered on
	Long connection, short connection, activate by data, SMS, phone; scheduled online/offline
	Support RS-232 serial port configuration
	Upgrad via serial port or remotely

• Interface

Serial port	1 RS485 interface 1 or RS232 serial port (support RS422/TTL) Data bit: 7,8 bit Stop bits: 1, 2-bit Parity: no parity, odd parity, even parity, SPACE and MARK parity Serial speed: 110bps ~ 115200bps Flow Control: None flow control, RTS / CTS hardware flow control or XON / XOFF software flow control
Indicator	"POWER", "3G", "4G", "ONLINE"
Antenna Interface	Standard SMA female interface, 50 ohm; optional 3M/5M/10M/15M antenna extension cable, meet the different needs of customers
UIM interface	1.8V/3V/5V standard putter user card interface, built-in 15KV ESD protection
Power Interface	Standard 3-pin power jack

• Mechanical

Shell	Din Rail design; Metal housing, anti-radiation, anti-interference; lightning protection design; protection rating IP30; particularly suit for harsh industrial control environments.
Product dimensions	115*102*25mm (not including the antenna and the fixed parts)
Packing Size	350*215*88mm
Weight	0.5kg (the actual type shall prevail)

• Power Supply

Supply voltage	Wide voltage design, DC 5V to the DC32V power supply directly to the device; and built-in power supply over-voltage protection and reverse current protection
Standard power supply	DC9V/1.5A
Current while Communicating	Average communication current : 390mA @ +9 VDC; Communicating instantaneous peak current: 1.0A @ +9 VDC
Standby current	Standby average current: <56mA @ +9 VDC

• Environment

Operating Temperature	-25 °C ~ +65 °C
Extended operating	-35 °C ~ +75 °C
Storage Temperature	-40 °C ~ +85 °C
Relative Humidity	95% (No condensation)