

SP+ 4G Modem (M4E / M4U) - Technical Specification

Frequencies	EU model : <ul style="list-style-type: none"> • LTE-TDD B38/B40/B41 • LTE-FDD B1/B3/B5/B7/B8/B20 • UMTS/HSPA+ B1/B5/B8 • GSM/GPRS/EDGE B3/B8 US model : <ul style="list-style-type: none"> • LTE-FDD B2/B4/B12 • UMTS/HSPA+ B2/B5
Category	CAT1
Data Transmission	HSPA+: up to 5.76 Mbps(UL), 42 Mbps(DL) LTE Category 1: up to 5 Mbps (UL), 10 Mbps (DL)
Transmitting Power	WCDMA: Class 3 (0.25W) LTE: Class 3 (0.25W)
Features	SMS Telephone Call with Text to Speech Internet (PPP) : email, VPN, cloud Optional GPS * + GNSS: GPS/GLONASS/Beidou/Galileo + GPS active antenna provided
SIM card	Standard SIM card size Support SAT class 3, GSM 11.14 Release 98
Antenna	3m External Antenna
Components	Manufactured using highly integrated, low power surface mount technology to ensure long term reliability.
Operating Environment	Temperature : Min. -20° C – Max.70° C Humidity: Min. 20% – Max. 80% (Non-Condensing)
Certification	EU Version : <ul style="list-style-type: none"> • CE-RED • IMDA • GCF • RoHS • REACH US Version : <ul style="list-style-type: none"> • FCC • PTCRB • IC • RoHS • REACH
Carrier certification	EU version : <ul style="list-style-type: none"> • Deutsche Telekom / Vodafone US version : <ul style="list-style-type: none"> • AT&T / Rogers
Important Note	This modem will support telephone call text to speech and GPS in future releases * GPS support on SP2+ and WTG only