

SPG Cellular + WIFI Expansion card



The SPG Cellular expansion card allows for 2 options - one option has 2G/3G/4G operation and the other includes WiFi support for both end node and hotspot operation. The card also supports dual SIM for additional redundancy. Wide range of modulation supported



Automatic fall-back
from 4G to 3G to GPRS



Optional WiFi hotspot
or device mode



2G GPRS, 3G and 4G
networks



Auto card detection
on S1000



Dual SIM auto detecting
best path

Technical Specifications

Protocols	ARCO TCP/IP using SSL security
Bands	Model SE1-CELL-PCB and Model SE1-CELLWIFI-PCB: 2G B8(900MHz) B3(1800MHz) / 3G B8(900MHz) B1(2100MHz) / 4G B20(800MHz) B8(900MHz) B3(1800MHz) B7(2600MHz) B1(2100MHz) Model SE1-CELL-PCB-L: 2G B5(850MHz) B8(900MHz) B3(1800MHz) B2(1900MHz) / 4G B12/13(700MHz) B19/20(800MHz) B5(850MHz) B8(900MHz) B3(1800MHz) B1(2100MHz)
Wifi	IEEE 802.11 b/g/n
Data rate	up to 72Mbps (802.11n)
Temperature	-10°C to 70°C
Humidity	5%(0°C) to 95%(40°C)
Power Consumption	Idle 25mA @ 12VDC / Peak 450mA @ 12VDC
Dimensions	80mm x 56mm
Weight	50g



Ordering Information

Part Number	Product Code	Description
200102	SE1-CELL-PCB	2G/3G/4G Cellular backup card with antenna
200103	SE1-CELLWIFI-PCB	2G/3G/4G Cellular backup card with WiFi support and dual antennas
200152	SE1-CELL-PCB-L	2G/4G Cellular backup card with antenna