

EXPLORER II



A Purpose-built RV Wireless Cellular Router



5G
Cellular



Wi-Fi 6 with dedicated
2.4GHz & 5GHz Wi-Fi



Mobile App
Support



Dual
SIM



5 x 1 Gbps
Ethernet

Explorer II Cellular Router Specification

Specification	Description
Cellular	
5G NR	- SA/NSA Frequency Bands: - n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n29/n30/n38/n40/n41/n48/ - n66/n70/n71/n75/n76/n77/n78/n79 - SA Sub-6GHz Data Rate: DL 2.4 Gbps; UL 900 Mbps - NSA Sub-6GHz Data Rate: DL 3.4 Gbps; UL 550 Mbps
4G LTE	- FDD Frequency Bands: - B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B66, B71 - TDD Frequency Bands: - B38, B39, B40, B41, B42, B43, B48 - Data Rate: DL (Cat 19) 1.6 Gbps, UL (Cat 18) 200 Mbps
3G UMTS	- Frequency Bands: B1, B5, B8 - Data Rate: DC-HSDPA DL 42 Mbps, HSUPA UL 5.76 Mbps - Data Rate: WCDMA DL 384 Kbps, UL 384 Kbps

Wi-Fi	- Generation: Wi-Fi 6 - Frequency Bands: Dual-Band; 2.4 GHz and 5.8 GHz - Radios: Dual for Simultaneous 2.4 GHz and 5.8 GHz operation. - Operating Modes: Simultaneous Access Point & Client
Standards and Data Rate	2.4 GHz: IEEE 802.11 b/g/n/ax, up to 574 Mbps (theoretical) 5.8 GHz: IEEE 802.11 a/n/ac/ax, up to 2402 Mbps (theoretical)
Ethernet	- WAN Port (1 x): 10/100/1000 Mbps, Auto MDI/MDIX - LAN Ports (4 x): 10/100/1000 Mbps, Auto MDI/MDIX - Standards: IEEE 802.3, 802.3u, 802.ab
GNSS (Global Navigation Satellite System)	- Simultaneous tracking of multiple constellations: - GPS: 1575.42 MHz (L1), 1176.45 MHz (L5) - GLONASS: 1597.5 MHz - 1605.8 MHz (L1) - Galileo: 1575.42 MHz (L1), 1176.45 MHz (L5) - BeiDou: 1561.098 MHz (L1) - QZSS: 1575.42 MHz (L1), 1176.45 MHz (L5)
Other Interface	2 x SIM Card Slots (Nano size, Push-In/Push-Out) 1 x USB 2.0 1 x Push Button Reset 8 x External Antenna Connectors: 4 x SMA for Cellular (50 Ohms, Female) 2 x RP-SMA for 2.4G Wi-Fi (50 Ohms, Male) 2 x RP-SMA for 5.8G Wi-Fi (50 Ohms, Male)
Power Input	- Voltage: 9 VDC to 32 VDC (12 VDC typical) - Current: 2.0 A max @ 12 VDC - Connector: 4-position locking and DC Jack 5.5 x 2.1mm
LED Indicators	- Power 2.4 GHz Wi-Fi 5.8 GHz Wi-Fi 5G (Cell) - Ethernet Link for each port
Operating Environment	- Temperature : - Operating: -20°C to 50°C (-4°F to 122°F) - Storage: -40°C to 70°C (-40°F to 158°F) - Humidity: 10% to 90% non-condensing

Explorer II Cellular Router Specification

Physical	• Dimension: 190 x 122 x 39 mm (7.5 x 4.8 x 1.5 in) • Weight: 780 gm (1.72 lb)
Certifications	• Regulatory: FCC, ISED, CE • Industry: PTCRB, GCF • Carriers: Verizon, AT&T, T-Mobile, Rogers, Telus, Bell