

Pocket M1 GNSS Receiver



Dimension: $\Phi 103.3\text{mm} \times 46\text{mm} \times 17.0\text{mm}$

Features

- Support GPS/GLONASS/Beidou/Galileo
- Supports triple-frequency RTK positioning
- Support PPP-HAS/B2b
- Detachable portable design
- Built-in low-power Bluetooth

Performance

GPS	L1, L2, L5
GLONASS	G1, G2, G3
Galileo	E1, E5a, E5b, E6
Beidou	B1, B2, B3, B1C, B2a, B2b
QZSS	L1, L2, L5
SBAS	WAAS, EGNOS, MSAS, GAGAN, SDCM
IRNSS	L5
PPP	HAS, B2b

Positioning Accuracy

Post-processing	2.5 mm + 0.5 ppm Horizontal 5 mm + 0.5 ppm Vertical
RTK	8 mm + 1 ppm Horizontal 15 mm + 1 ppm Vertical
SBAS	0.6m 3D RMS
Standalone	1.5m 3D RMS
PPP	10cm Horizontal 20cm Vertical

Communication Interfaces

USB-C	1
Antenna Connector	SMA Female
Screw Hole	1/4-20 UNC-2B
Bluetooth	BLE
LED	4

Electrical Properties

Input Voltage	5 VDC
Power Consumption	1.1 W

