

LOCOSYS

GNSS Wireless & Communication

GB-104B

High-Precision Positioning
RTK Base Station



High-Precision
Positioning



Quad-core Arm
Cortex-A5
500MHz



FreeRTOS
System



8M/16M
Storage



Supports GPS,
GLONASS,
GALILEO, BEIDOU
, QZSS and SBAS



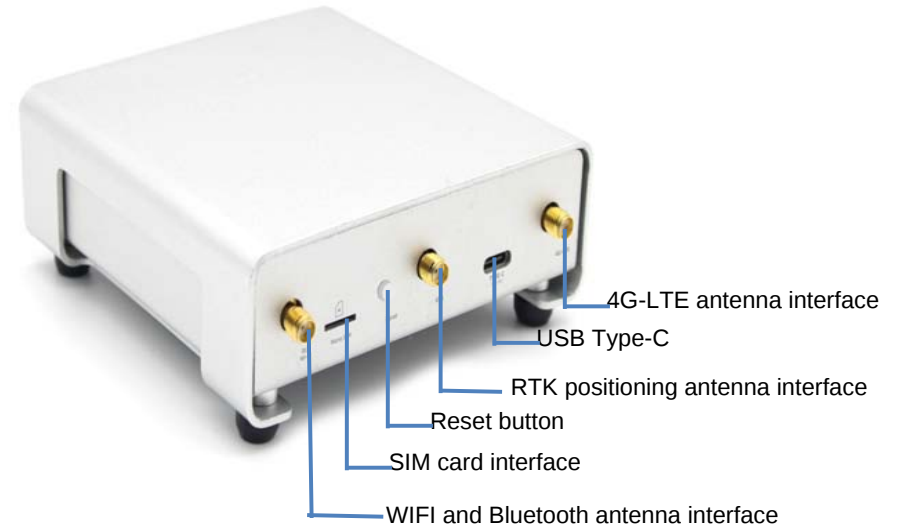
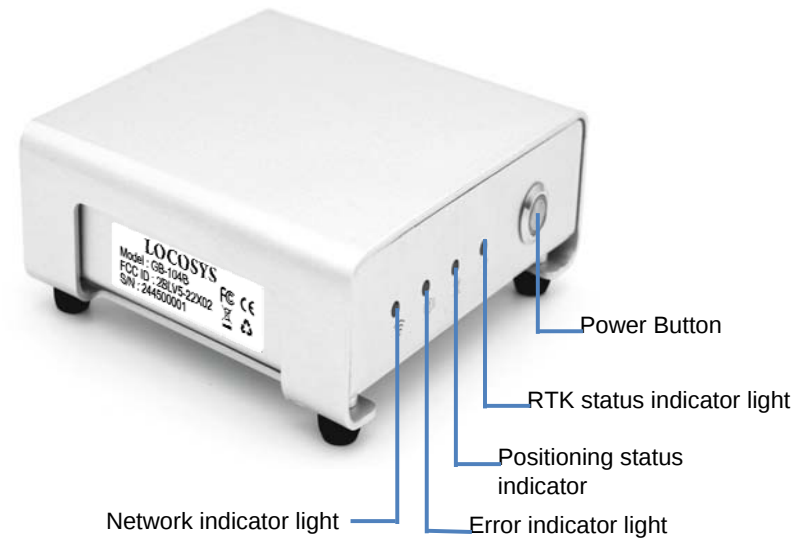
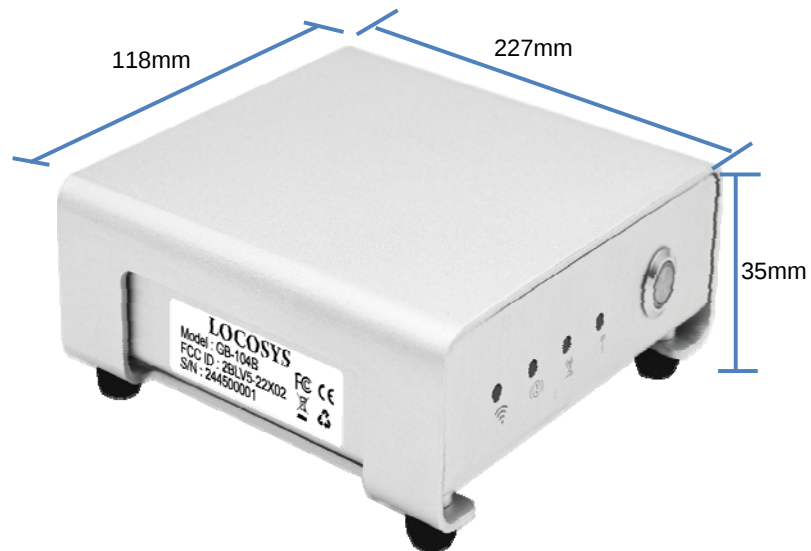
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Exterior



Specification

GB-104B

Main hardware		Mobile Communication and Network Support	
Processor	Quad-core Arm Cortex-A5,500MHz	Communication Function	Yes
OS	FreeRTOS	LTE-FDD	B1/B3/B5/B8(Optional) ; B1/B3/B5/B7/B8/B20/B28(Europe)
System Memory	8M	LTE-TDD	B34/B38/B39/B40/B41(Optional) ; B38/B40/B41(Europe)
Internal Memory	16M	GSM	850/900/1800/1900 MHz
Battery	2500mAh	Bluetooth	Bluetooth 4.2 (BR/EDR)
		RF transmit Power (Max.)	2W
Interface/Sensor/Positioning Navigation		Industrial Design and Reliability	
SIM card slot	Nano sim *1	Reliability	MTBF>5000h ; MTTR<0.5h
Data Interface	Type-C*1	Operating Temperature	-20°C to 55°C
Expansion Interface	RTK positioning antenna interface /4G antenna interface/ Wi-Fi and Bluetooth antenna interface	Storage Temperature	-40°C to 80°C
High Precision Positioning Module	RTK module	Relative Humidity	5% to 95% (95%RH,non-condensing)
Positioning and Navigation	GPS, GLONASS, GALILEO, BEIDOU , QZSS and SBAS	System Language	English
Exterior		Certification	
Dimensions	227*118*35mm (Length / Width / Height)	Certification Support	CE,FCC
Weight	287g	Military Standard	MIL-STD 810H
Color and Material	Silver	Packaging/Warranty	
		Warranty Period	Warranty period 1 year
		Standard Packaging	USB data cable x1,User manual x1,Multi-band high-precision external measurement antenna x1,10-meter antenna extension cable x1,4G-LTE antenna x1,WIFI/Bluetooth antenna x1

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