

LOCOSYS

GNSS Wireless & Communication

GB-10WB

High-Precision Positioning
RTK Base Station



High-Precision
Positioning



Esp32-S3
Xtensa-LX7
240MHz



Micropython
System



8M/16M
Storage



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



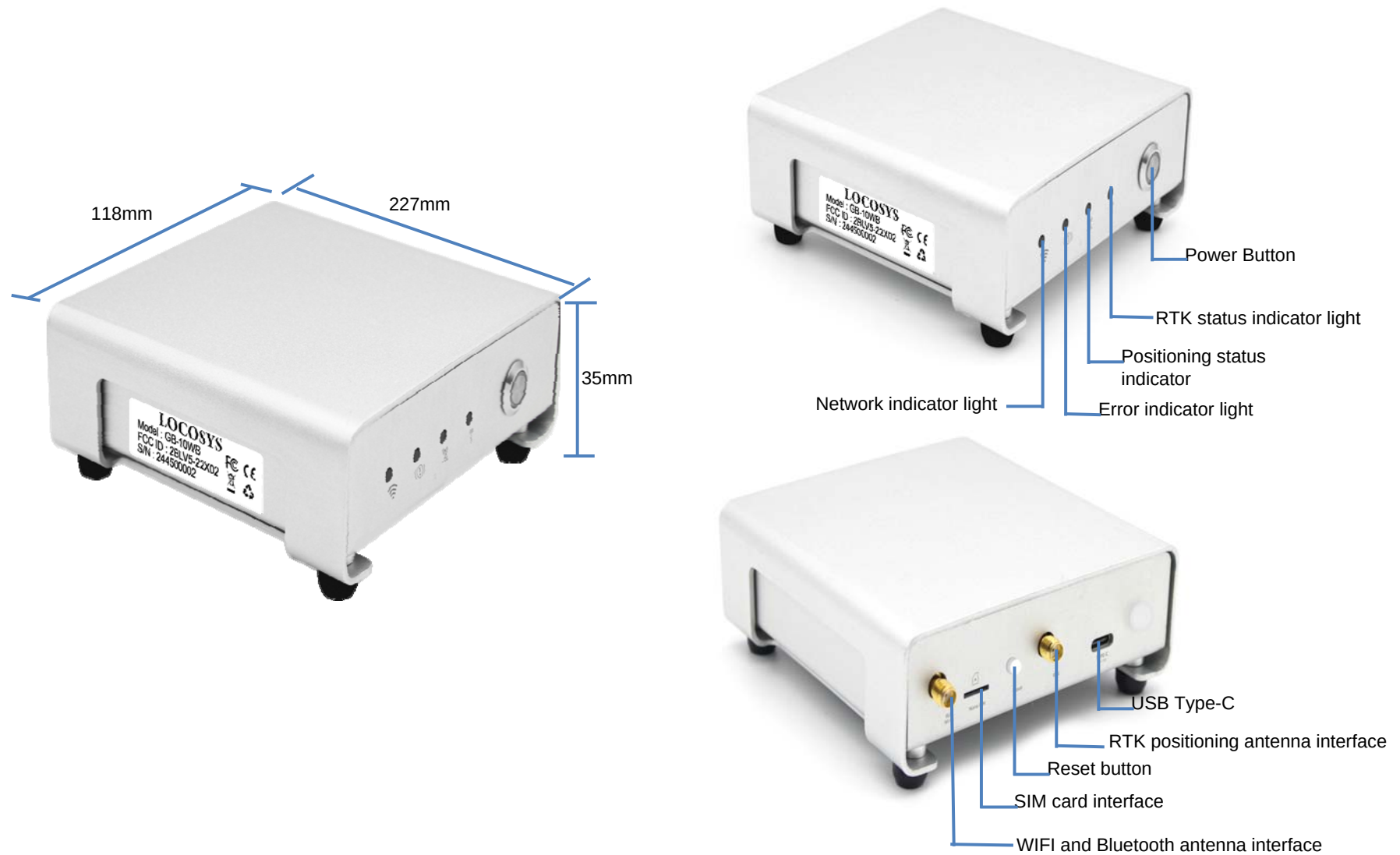
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Exterior



Specification

GB-10WB

Main hardware		Mobile Communication and Network Support	
Processor	Esp32-S3,Xtensa-LX7,240MHz	Wi-Fi	2.4Ghz 802.11 b/g/n
OS	Micropython	Bluetooth	5.0 (BLE)
System Memory	8M	RF transmit Power (Max.)	125mW
Internal Memory	16M	Industrial Design and Reliability	
Battery	2500mAh	Reliability	MTBF>5000h ; MTTR<0.5h
Interface/Sensor/Positioning Navigation		Operating Temperature	-20°C to 55°C
Data Interface	Type-C*1	Storage Temperature	-40°C to 80°C
Expansion Interface	RTK positioning antenna interface /4G antenna interface/ Wi-Fi and Bluetooth antenna interface	Relative Humidity	5% to 95% (95%RH,non-condensing)
High Precision Positioning Module	RTK module	System Language	English
Positioning and Navigation	GPS, GLONASS, GALILEO, BEIDOU ,QZSS and SBAS	Certification	
Exterior		Certification Support CE,FCC	
Dimensions	227*118*35mm (Length / Width / Height)	Military Standard	MIL-STD 810H
Weight	287g	Packaging/Warranty	
Color and Material	Silver	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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