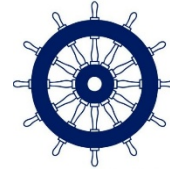


Marinelite®

SC120 Satellite Compass

High precision and stability (0.2° RMS) of heading



EC (MED) Certified



HD touch screen
Display Instrument

- > Pre-type carrier phase decoding technology, more precise orientation;
- > Beidou/GPS dual-star system with faster directional speed;
- > Advanced speed and course filtering technology to make the data more stable;
- > Built-in gyro compensation system has better heading performance;
- > It has the characteristics of fast start, signal recapture, heading update up to 50 times per second, and turning rate up to 90 ° /s;
- > Multi-channel standard NMEA0183 output, providing high-stability, high-precision ship heading data and positioning data for Radar, ARPA, ECDIS, AIS, Chart Plotter, Autopilot, Sonar and other marine navigation equipment;
- > Excellent industrial product design, stylish appearance, easy installation;
- > The full-touch compass display is equipped with multiple display modes, the data is more intuitive, and the equipment is more convenient;
- > Maintenance free and no recurring cost as there are no mechanical parts;

Marinelite®

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SC120 Satellite Compass

Specification

General	
Frequency	B1, L1, G1
Baseline length	110cm
Heading Accuracy	0.2° RMS
Attitude Accuracy	Pitch/Roll: 0.3° RMS
Cold start	< 2 min
Position Accuracy	2.5 m
First Positioning time	Cold start: ≤ 32s Hot start : ≤ 1s Recapture: ≤ 1s
Speed measurement accuracy	GPS+BDS: 0.1 m/s

Interface

Number of ports	NMEA0183 data interface x6 GNSS output x2, fixed at 9600bps HDT output x2, default 38400 adjustable HDT and GNSS output x2, Default 4800bps, adjustable AD-10 x2 Display instrument x1 CAN x1 (Optional) Alarm input x1
Data sentences	RMC, VTG, GGA, GSA, GSV, GLL, ZDA, HDT, ROT, THS
Display unit (Optional)	
Screen	7"
Resolution	800* 480
Display mode	Compass+data, heading mode, positioning Data more, ROT mode

Power Supply

Power Supply	11~35V
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Environmental condition

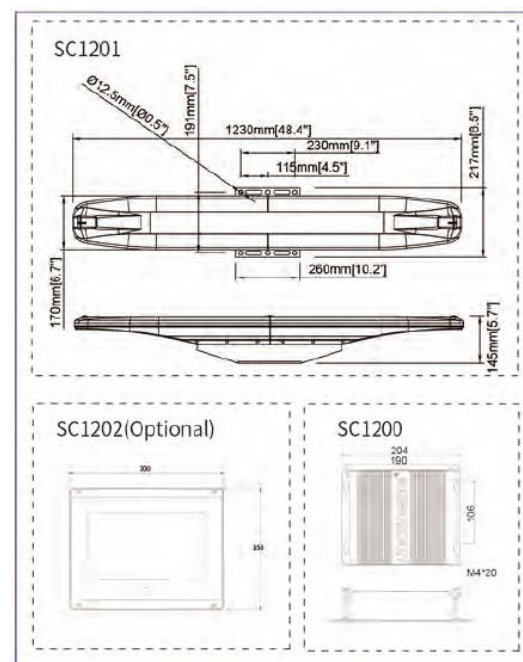
Temperature	-30° C ~ +70° C
Degree of protection	Antenna unit IP56; Junction box IP20
Vibration	IEC60945

• Specifications may be subject to change without notice

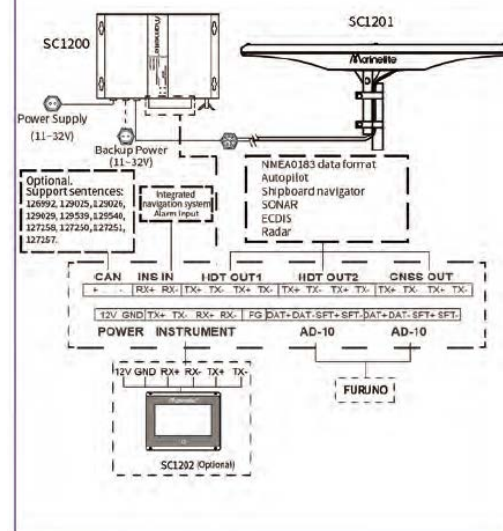
Equipment List

Antenna unit SC1201	x1	6Pin data cable (Optional)	x1
Junction Box SC1200	x1	8Pin data cable	x1
Display SC1202 (Optional)	x1	Mounting bracket	x1
GNSS compass antenna		Installation manual	x1
data cable	x1		
2Pin power cable	x1	Other installation accessories	x1

Dimensions



Interconnection Diagram



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