

S5 GNSS



- ✓ Kompaktes Design mit einem Gewicht von 290 g und einer Größe von 12 x 9 x 3 cm³
- ✓ Hemisphere GNSS-Board 372 Kanäle L1 mit GPS, GLONASS, GALILEO, COMPASS, SBAS
- ✓ Integriertes 3.75G-Modem, LR Bluetooth 2.1
- ✓ WEB-Interface, WLAN-Hotspot
- ✓ IP67, 2 Jahre Herstellergarantie

STONEX S5

Ein smarterer GNSS Receiver im Westentaschenformat.

Über die NMEA-Ausgabe lassen sich viele GIS-Anwendungen ganz einfach nutzen.

Der STONEX S5 erreicht über SBAS Submeter- und mit RTK-Korrekturdaten-dienst cm-Genauigkeit.

EINFACH STARTEN.

TECHNICAL FEATURES

RECEIVER

Channels	372, parallel tracking
GNSS module	Internal GNSS antenna: GPS: L1, GLONASS: L1 BEIDOU: B1, GALILEO and QZSS ready
	SBAS 3 channels parallel tracking
	Ublox 6 m for assisted navigation
	Customizable NMEA protocols through WEB UI
	RTK correction protocols: CMR, CMR+, RTCM 2.x, 3.0, 3.1, 3.2

POSITIONING ACCURACY

Range	Sub meter - decimeter
Post-differential Positioning	< 0.5 m+1 ppm
Point Positioning (Autonomous)	1.2 m RMS
DGPS Positioning	0.5 m CEP
SBAS	0.6 m RMS
RTK (GPS Network/CORS connected)	0.3 m - 0.6 m

COMMUNICATION

Connector I/O	SMB external antenna port
	Mini USB (for stored NMEA files download and charging)
	Buzzing
	SIM Slot
Bluetooth™	Long range (50m) Bluetooth™ 2.1
Wi-Fi	IEEE 802.11 a/b
Network Module	Support WCDMA/HSDPA+/GPRS
WebUI	Yes

INPUT/OUTPUT

NMEA 0183 Support	Available
RTCM/CMR Support	RTCM 2.1, 2.3, 3.0, 3.1, CMR, CMR+, RTCA

POWER SUPPLY

Battery	Li-Ion 3.7 V/6800 mAH, 8 hours life
Working Time	4 hours (normal use)

PHYSICAL SPECIFICATION

Dimensions	11,9 x 8,6 x 3,2 cm
Weight	290 g
Operating Temperature	-30°C to 65°C
Storage Temperature	-40°C to 80°C
Waterproof/Dustproof	IP67
	Drops: 1.2m four sides at normal temperature, -20°C
OS	LINUX
Platform	AM335X
Memory	512 MB
Storage	Internal 4 GB

IN THE BOX

STONEX S5 instrument unit, 2 pin adapter 5.35 V/2A, USB cable, soft bag for S5 (color: black)

Illustrations, descriptions and technical specifications are not binding and may change



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