

S4II Technical Features

SYSTEM

CPU	TI Sitara AM335x 1GHz
Operating System	Windows Mobile 6.5
RAM	512 GB
ROM	8 GB (up to 32 GB) SD expansion to 32 GB

DISPLAY

Screen Size	3.7" TFT
Resolution	480 x 640 VGA

1. Only
S4II H
model

CAMERA¹

Rear	5 MP
Image Format	JPG (2048×1536)
Video Mode	Up to VGA resolution

RECEIVER¹

Satellite Tracked	GPS: L1
	GLONASS: L1
	BEIDOU: B1
	GALILEO: E1
	QZSS: L1
	SBAS: L1
Channels	72

POSITIONING¹

Accuracy	Velocity accuracy: 0.05 m/s Position accuracy: 2.5 m DGPS: Sub meter
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INTERNAL MODEM¹

Band	GSM/GPRS/EDGE: 850/900/1800/1900 MHz WCDMA/HSDPA: 800/850/900/1900/2100 MHz
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COMMUNICATION

I/O Connectors	DB9 serial port. Multifunction cable with USB interface for PC connection
Bluetooth	2.1+EDR
Wi-Fi	802.11 b/g
Reference outputs ¹	Support RTCM 2.3, differential NMEA 0183 UBX binary, u-blox proprietary

POWER SUPPLY

Battery	Lithium battery 7.4 V - 3400 mAh
Operating time	Up to 10 hours

PHYSICAL SPECIFICATIONS

Dimensions	193 mm x 91 mm x 42 mm
Weight	575 g
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)
Waterproof/Dustproof	IP67
Shock Resistance	Designed to endure to a 1.5 m composite wood floors

STANDARD ACCESSORIES

Adapter, USB cable, Battery, Handstrip, Stylus & string of pen, Screen protector, Charger set

OPTIONAL ACCESSORIES

Soft bag, Holder for pole, Car charger
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Specifications are subject to change without notice.