



# Technical Specifications

MODEL: RHINOTRACKS-ST3

## ELECTRICAL

DC Supply voltage	12V OR 24V
DC Tolerance voltage	9V----30V
Current(GPRS online)	30mA

## GPS

Channels	48 parallel tracking
Frequency	L1-1575 MHz
Sensitivity:	
Tracking	-163dBm
Acquisition (Cold start)	-142dBm
Position accuracy (Horizontal)	<2.5m CEP autonomous <2.0m CEP SBAX

## Time to first fix:

Hot start 1	<1s
Warm start 2	<35s
Cold start3	<35s

## Standard GPS software:

NMEA message switchable GGA,GSA,GSV,VTG,RMC,GLL

## GPRS

Frequency Range(MHz)	850/900/1800/1900
GPRS connectivity	GPRS multi-slot class 10 GPRS mobile station class B
SIM card interface	1.8V/3.0V
Antenna impedance	50 ohms

## ENVIRONMENTAL

Operating Temperature	-20°C to +80°C
Storage Temperature	-40°C to +85°C

## ACCESSORIES

PC-setup Cable  
Built-in 300mA lithium-ion battery

## OPTIONAL ACCESSORIES

- OBD50(obd sensor) (optional)
- CAN50(can bus sensor) (optional)
- FU700(fuel sensor) (optional)
- FN100(fuel needle sensor) (optional)
- RL-100(Starter kill relay) (optional)
- ID CARD (ID200) (optional)

## CERTIFICATIONS

Fully certified FCC, CE, PTCRB, Applicable Carriers



Functions List		RhinoTracks ST3 Specifications
General Input	Digital Input	Door -
	ACC	Yes
General Output	Arming Output (-300mA)	Yes
	Channel 2 (-300mA)	Yes
5 Pin Output Port (optional)	Lock (-300mA)	Lock (-300mA) / Unlock (-300mA) / Lamp (-300mA) / Siren (-300mA) / Trunk (-300mA)
I2C Port (optional)	OBD sensor (OBD50)	OBD sensor (OBD50) / Can bus sensor (CAN50) / Fuel sensor (FU700) / Fuel sensor (FN100) / ID card (ID200)
Reset button		Yes
PC Setup		Yes
Tilt sensor		Built-in
External 12/24V cut relay (RL100) (optional)		Yes
GPRS antenna		Built-in
GPS antenna		External
Built-in backup battery (lithium ion)		300mA
Power range		9~30V
SOS button / LED indicator / Temperature sensor (optional)		Yes (optional)
Dimensions / Unit weight		88(L) x 76(W) x 25(H)mm / 0.8kg