




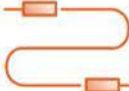





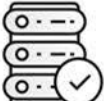
Wired

ST4345

Feature Rich Wired Tracker



Key Features

 <p>LTE Cat. M1/ NB-IoT/ 2G</p>	 <p>8 or 5 pin wired connection</p>	 <p>Identify Virtual Ignition (Voltage/Motion)</p>	 <p>Circular/Polygonal Geofence</p>
 <p>Waterproof IP67 Compliant</p>	 <p>DPA/CR (*Option)</p>	 <p>Jamming Detection (*option)</p>	 <p>Maintenance Server Supported</p>

Option models

Series	Pin	Event Line
ST4345	8pin	3 inputs + 2 outputs
ST4345R	8pin	2 inputs + 1output + RS232
ST4345LC	5pin	1 input + 1 output
ST4345LB	5pin	1 input + 1 output + BLE

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Technical Specification

Wireless Communication

Network	LTE Cat. M1/NB-IoT, 2G Fallback
Frequency	LTE : B1, B2, B3, B4, B5, B12, B13, B18, B19, B20, B25, B26, B28, B66, B85 GSM : 850/900/1800/1900MHz (Fallback)
Bluetooth	BLE 4.X (*ST4345LB)
Firmware upgrade	OTA (Over The Air) Sever Support

GNSS

Receiver Type	GPS & Glonass SBAS : WAAS, EGNOS, MASA
Location Accuracy	+/- 3m CEP *50%, 2D RMS, -130dBm, >6 Sats.

Physical

Dimension	74(L) x 45(W) x 19.5(T) mm
Weight	102 g (with event cable)

Hardware/Interface

I/O (Variable options available)	8 or 5 pin wired connection
	1 Ignition
	5 wires Option
	Input (panic button, door sensor) Output (drain output, siren, vehicle blocking) RS232
SIM Card	Micro SIM (3FF)
LED Indicator	Network, GPS
Antenna	Internal (Cellular, GPS)
Motion Sensor	3 Axis Accelerometer

Battery/Power

Battery	Rechargeable 3.7V, 450mAh (Li-ion)
Power Supply	DC 8 ~ 33V, * Main power +/- inversion protection
Power Consumption	Active mode : 40~50 mA@12V
	Sleep mode : < 4mA @12V
	Deep sleep mode : < 2mA@12V

Environmental

Dust and Water Resistant	IP67
Operating Temperature	-30°C ~ +80°C
Certificates	FCC, IC, PTCRB, CE AT&T, T-Mobile, Verizon, US Cellular