eTrans ®

GNSS Support

IP65 IP65

Bluetooth 5.0 Support
For Device Configuration

Single/Double Profile 4G SIM Support

Internal Battery Voltage Detection,
Backup Upto 8 Hours

RS232 Communication

Two Way Communication

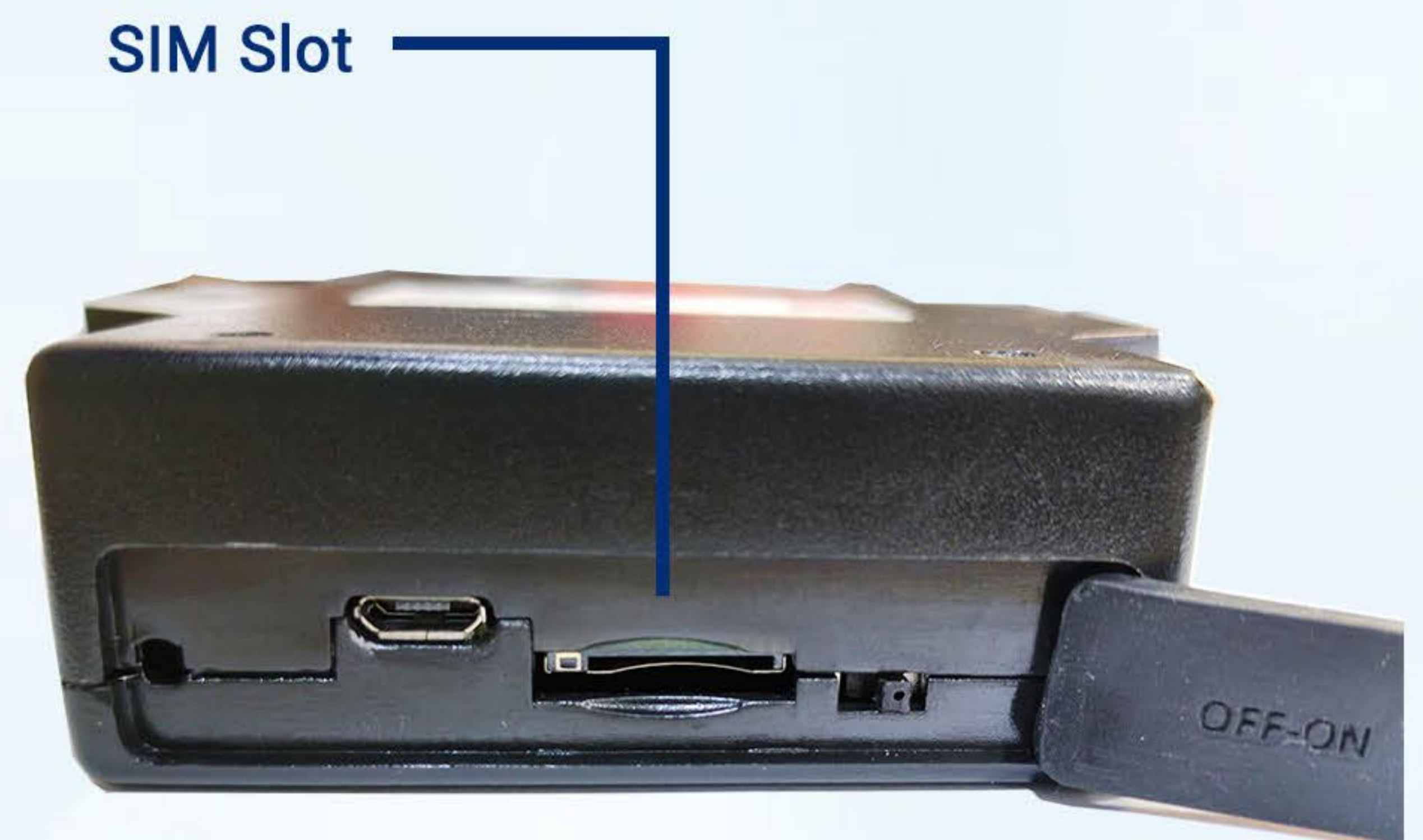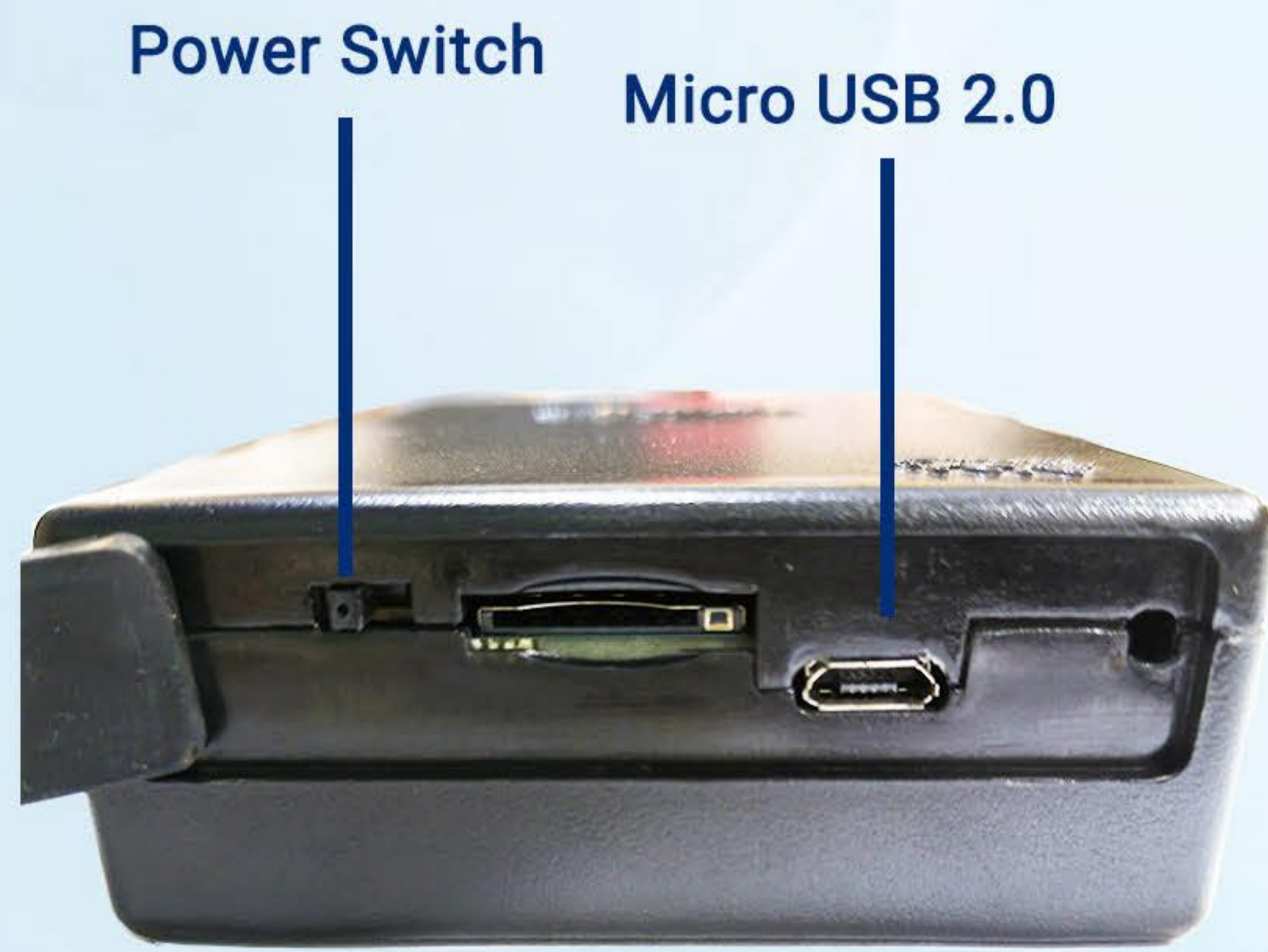Detect Temperature, Fuel and Vehicle
Body Lifted/Seated

Darsh Lite

Darsh Lite GPS Device typically consist of a unit that provide device's location with event-based alert. The device is integrated with Temperature and Fuel sensor which detect and reflect the instant report. The unique feature is that it supports the Driver behaviour using the DFM technology. Support the driver attendance with the external support of RFID technology which integrated with using RS232 wire communication. The Darsh Lite device allows the user to view their current location on map, history data, speed and distance travelled report.

Datasheet-Darsh Lite

Power Switch Micro USB 2.0 SIM Slot

Module

Name	Darsh Lite
Technology	GSM/GPRS/GNSS/BLUETOOTH
Dimension	100 x 70 x 20

Battery

Backup	8 hours
Battery	3.7 Volts, 800 mAh
Battery Voltage Detection	Yes

Supply

Operating Voltage	9~36 Volts
Operating Current	100 mAh
Reverse Polarity Protection	Yes

Operating Enviornment

Cold Start	40 sec
Warm start	30 sec
Hot start	5 sec
Ingress Protection Rating	IP65

Datasheet-Darsh Lite

Interface

Digital Inputs	2
Digital Outputs	1
Analog Inputs	1
RS232	1
Cellular antenna Internal GSM	1
USB	2.0 Micro-USB
LED indication	3 status LED lights, (Status, GPS, GSM)
SIM	Dual profile Plastic 4G SIM/ Single profile Plastic 4G SIM
Memory	512 kB internal EPROM memory
Bluetooth	5.0

Features

Sensors	Temperature, Fuel, Vehicle body lift/seated detection
Scenarios	Over Speeding detection, Immobilizer, Unplug detection, Geofence, Harsh Acceleration, Harsh Break, Over Speed, Rash Turn, Tamper Alert, Ignition on/off, Emergency Alert, Destination Reach, Destination Leave
Configuration and firmware	update FOTA Web, DFOTA, USB, SMS Configuration, Debug
Time Synchronization	GNSS, AGPS
Fuel monitoring	RS232 Fuel sensor
Ignition detection	Yes
Location Accuracy	2.5 m CEP or 6 m 2DRMS
RFID Card Reader Support	Yes
DFM	Yes
Acquisition Sensitivity	(-)148 dBm
Tracking sensitivity	(-) 165 dBm

Get In touch

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