

# BUILT TOUGH.



## eTrans DARSH LITE V.01

The ultimate compact, versatile tracking solution for seamless vehicle and asset monitoring. eTrans Darsh Lite - V.01 combines advanced GSM, GPRS, GNSS, and Bluetooth 5.0 technologies to deliver precise, real-time location tracking, fuel monitoring, and a host of customizable alerts.

Built to withstand tough conditions, its features include IP54 protection and supports various external sensors, making it the perfect choice for demanding environments. Additional high-end capabilities include KLE functionalities, immobilizer support, and an SOS button for emergency situations.

Experience dependable telematics in even the harshest conditions with the eTrans Darsh Lite designed to keep you connected wherever you go.

**Proudly Made in India.**



F E A T U R E S



GPS / GNSS Positioning



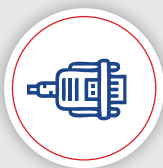
Supports 4G LTE with fallback to 2G



8 Hours Back up with 1 min data frequency



Remote Cut OFF (Key Less Entry/Door Lock/Immobilizer)



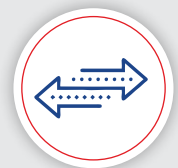
RS232 Support



Emergency SOS Button



Multiple I/Os for Sensor Integration



2-Way Communication (to be released with V.02)

## Technical Specification: Darsh Lite v.01

SPECIFICATION	DETAILS
Device Name	eTrans Darsh Lite
Part Number	DLT23-H1F1
Dimensions	100 mm x 20 mm x 20 mm
GSM Frequency Range	900/1800 MHz
GPRS Features	Supports multi-slot class 12, Download Max: 85.6 kbps, Upload Max: 85.6 kbps
4G LTE	Supports Category 1 FDD and TDD, bands 1, 3, 4, 5, 9, 10, 15, and 20 MHz
GNSS	GPS, GLONASS, GALILEO, BEIDOU, QZSS
Bluetooth (BLE 4.2)	Data Rate: 1 Mbps, Frequency: 2.4 GHz
Battery Backup	8 hours
Battery Specifications	3.7 Volts, 800 mAh
Battery Voltage Detection	Yes
Operating Voltage	9–36 Volts
Operating Current	100 mA
Reverse Polarity Protection	Yes
Cold Start Time	40 seconds
Warm Start Time	30 seconds
Hot Start Time	5 seconds
Ingress Protection Rating	IP54
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
Sensors	Temperature, Fuel, Vehicle body lift/seated detection
Scenarios	Immobilizer, Unplug detection, Geofence, Harsh Acceleration, Harsh Brake, Over Speed, Rash Turn, Tamper Alert, Ignition on/off, Emergency Alert
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 / DFM Support	Yes
Acquisition Sensitivity	(-)148 dBm
Tracking Sensitivity	(-)165 dBm

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