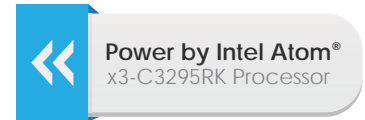


IntelliTrac™ S1

Intelligent Telematics Computer



IntelliTrac S1 is the ultimate next generation telematic device. With built in high performance GPS module, 3G modem, WiFi, and Bluetooth modules, IntelliTrac S1 is versatile in fulfilling fleet management and logistics monitoring requirements for both current and future markets. Powered by Intel Atom x3 quad core processor and Android 6.0 OS, IntelliTrac S1 not only includes the rich features present in an advance type GPS tracker, it also allows custom software developments to further enhance the rapidly evolving IoV applications.



- Android OS ✓
- ADAS Function Support ✓
- WiFi Hotspot and Accessory Interface ✓
- Bluetooth Interface ✓



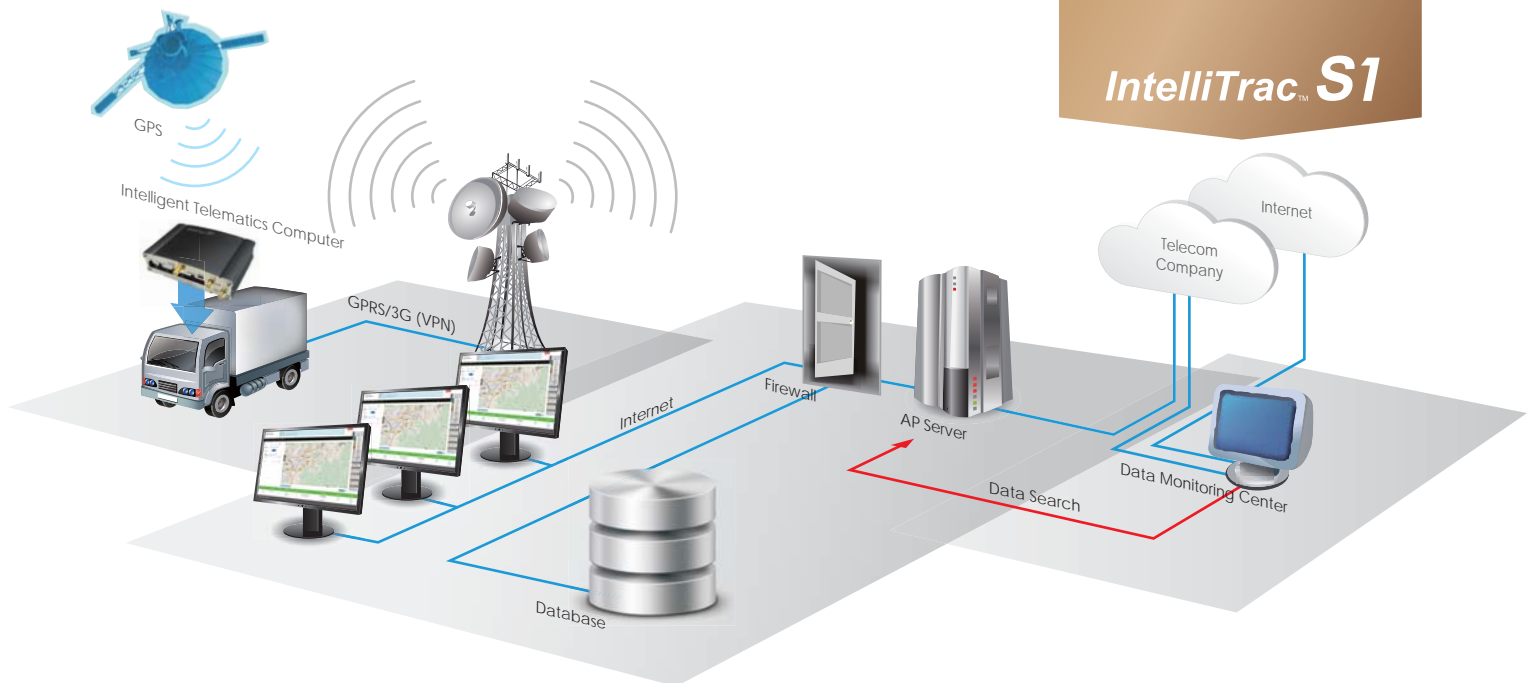
Features

- > Android 6.0 OS
- > ADAS function support
- > Data communications by UMTS/HSPA/GPRS/EDGE, SMS, FTP, USSD
- > Built-in 6-axis accelerometer
- > Support harsh acceleration/ harsh braking/Impact detection/harsh cornering/ flip over detection
- > Support 1-Wire® interface temperature function & i-Button driver ID
- > RS232 interface for rich accessory supports, Fuel level sensor, RFID reader, Barcode, etc.
- > RS485 interface for camera accessory support
- > WiFi Hotspot support
- > Bluetooth interface accessory support
- > Geofence report in circular and polygonal types
- > Support CANBus data *
- > Two-way voice communication *
- > Support Garmin FMI 2.0 operation
- > Remote configuration
- > Configurable real-time tracking
- > Intelligent power management
- > GPS Odometer data reading and flexible user-defined reports
- > FOTA firmware update via FTP
- > Power low/lost alarm
- > GSM jamming detection
- > GPS antenna tamper detect alarm
- > Maximum 150,000 data logs

(*) Optional

Advantages

- Android OS
- ADAS Function Support
- 3G/2G Network
- Assisted-GPS (Ephemeris)
- Multi Satellite System (GNSS)
- Harsh Driving Behavior Detection
- WiFi Hotspot & Accessory Interface
- Bluetooth Interface
- RS-485 Interface
- 1-Wire® Interface
- * WiFi Camera



Specifications

- > Communication Specification
 - Frequency
 - 2G/GSM : Quad band, 850/900/1800/1900 MHz
 - 3G/ UMTS/HSPA : 850/900/1900/2100 MHz
 - Data Protocol : TCP, UDP, SMS, Voice, USSD
- > GNSS Performance
 - Receiver type : EGNOS, WAAS, MSAS
 - Sensitivity :
 - Acquisition : -148 dBm
 - Navigation : -160 dBm
 - Tracking : -162dBm
- > General Specification
 - Dimensions (L x W x H) : 72mm x 108mm x 31mm
 - Weight : 260g
 - Power Source : 8-40V DC
 - Power Consumption :
 - 250mA@12V DC (Operating Mode)
 - 1.5mA@12V DC (Sleep Mode)
- > Operating Temperature : -20°C~+60°C (-4°F~140°F)
- > Interface
 - Serial Ports :
 - 3 x RS-232 Port (Configurable baud rate)
 - 1 x RS-485 Port
 - Input Ports :
 - 1 x ACC/Ignition Input
 - 4 x Digital Inputs (2 x Positive triggers & 2 x Negative triggers)
 - 2 x Analog Inputs (12-bit resolution)
 - 1 x 1-Wire® Input
 - Output Ports : 4 x Outputs (Max. sink current 300mA)
 - 1 x Micro HDMI port *
 - Two-way Audio port *
- > Wireless Interface
 - WiFi 802.11 b/g/n
 - Bluetooth 4.0

(*) Optional

Accessories

Standard

- > GPS antenna
- > GSM antenna
- > WiFi/BT antenna
- > Power cable
- > I/O cable
- > RS-485 /1-Wire® cable
- > RS232 Serial cable

Option

- > Backup battery : Li-ion, 900mAh
- > Mobile data terminal
- > Personal ID Identification Kit
- > Audio kit
- > i-button
- > Temperature sensor
- > TPMS solution
- > RS-485 JPEG camera
- > J1939 Interpreter
- > J1979 Interpreter

Applications

- > IoV connected vehicle applications
- > Vehicle real-time tracking
- > Vehicle security/rescue/anti-hijack
- > Mobile asset tracking
- > Logistic management
- > Fleet management
- > Location based service

The specification may be subjected to change without prior notice.

PTCRB CE FC



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