EyeLite GPS

Low Power Consumption

Automatic Backup

Unlimited Bandwidth

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Real-time GPS tracker with GSM/GPRS connectivity :

Automatic server backup and web-based fleet integration

Providing seamless Internet-integration with other EyeRide units, the EyeLite GPS transmits real-time GPS and other data over the GSM network, offering a market-leading refresh rate of speeds as fast as 1 ping/second. This combines with automatic buffering and resending of 8,000 pings to provide you with superior fleet control even if the connection should drop out.

You can track all vehicles from any web browser or in your EyeRide mobile app, and you'll have constant access to detailed reports of all historical fleet movements. Set up geo-fencing to be alerted to any route deviations and decrease your liability with the advanced speed limit sensor; the EyeLite GPS can even send you urgent notifications via SMS if you like. You can also plug in the optional ignition status monitor to prevent unnecessary idling and fuel wastage.

Featuring a compact design and automatic firmware updates over GPRS, the EyeLite GPS is easily installed. External GSM and GPS antennas mean that you can put it out of sight and mind, and it asks for zero maintenance. Power-consumption and traffic costs are kept to a minimum with a deep sleep mode and a smart GPRS algorithm.

Technical specifications :

- Superior real-time tracking: down to 1 ping/s
- GSM: quad-band 900/1800 MHz; 850/1900 MHz
- GPRS class 10 (up to 85,6 kbps);
- GPS/GLONASS: NMEA protocol compatible.
- Messages: GGA, GGL, GSA, GSV, RMC, VTG, TXT
- 32-channel GPS/GLONASS receiver
- -161 dBm sensitivity
- 2 digital inputs; 1 reserved for ignition status monitor
- 1 analog input (10V or 30V range)
- Power supply (+10...+30) V DC
- 2 Status LEDs
- USB Port
- Configuration and firmware upload (FOTA and via USB cable)
- External GSM antenna (SMA connector)
- External GPS/GLONASS antenna (MCX connector)
- GPS/GLONASS and I/O data acquisition
- Smart data acquisition algorithm (time, distance, angle, ignition)
- Sending acquired data via GPRS (TCP/IP and UDP/IP protocols)
- Smart algorithm of GPRS connections (GPRS traffic saving)
- Operating in roaming networks (preferred GSM providers list)
- Events on I/O detection and sending via GPRS or SMS
- Deep sleep mode
- FOTA (firmware updating via GPRS)
- Motion sensor
- Roaming-dependent operation (GPRS traffic saving in roaming zones)
- Advanced overspeeding detection
- Compact and easy to mount