

WH Electronics Inc.

Innovative Solutions Designed For the Automotive Industry

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AXON™ mini



The AXON Mini was designed as a simplified solution to allow for economical vehicle tracking.

The AXON Mini is an inexpensive solution to monitor fleets of vehicles or assets where OBDII information is not required.

The AXON Mini features a serial interface, 2 input, and 2 output ports. A USB interface is also available.

AXON Mini can easily be integrated with third-party solutions and transmit the information over-the-air.

Vehicle location information and in-vehicle third-party information is transported over a wireless network to the back-end server and can be viewed from any PC, tablet, or smart phone.

AXON Mini is available with internal antennas and can work with 12V and 24 V applications.

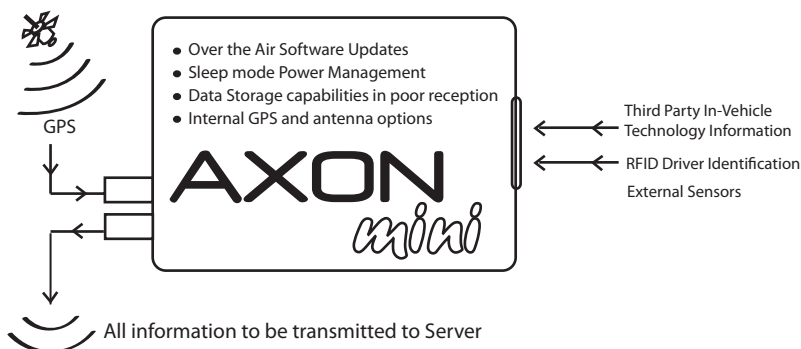
The AXON Mini is designed to send messages within a predetermined time interval which can also be altered remotely. In addition, it has the capability to send event messages whenever the preselected events occur.

All the set-up parameters and software can be changed/upgraded over-the-air without customer intervention.

The most superior GPS and location technology utilizing GLONASS and GPS satellite systems simultaneously together with Assisted-GPS capabilities to give position when out of range of these two satellite systems.

AXON mini Features:

- HSPA / CDMA / GSM Network Compatible
- USB Support for Direct Communication
- 4 IN/OUT
- New Internal 3.7V Battery
- 32Mbit DATA-Flash
- 32Kbit EEPROM on board
- Garmin PDA Integration.
- Salt/Sand Spreader Controller Integration.
- RFID Driver ID Reader Integration
- Accelerometer
- Sleep Mode Power Management
- Data Storage Capabilities
- Internal / External Antenna Option
- 256 Mb Processor





AXONTM mini

Physical Specifications

Dimensions 9.3 x 5.8 x 1.5 cm / 3.5 x 2.25 x 0.65 inches
Weight 74g

GPS Specifications

GPS - 50 channel GPS
Accuracy - 2m
Tracking Sensitivity -160 dbm
AGPS

Modem Specifications

GPRS, CDMA 1xRTT, HSPA
GSM - Quad Band 850/900/1800/1900 MHz
CDMA - 800/1900 MHz
HSPA - 900/2100 MHz

I/O Specification

USB Interface	1 USB
Inputs	2 Inputs
Outputs	2 outputs
Serial Interface	1 Serial
GPS/GSM Antenna	Internal
Status LED	GSM, GPS, Mode

Features

- Available in GSM, CDMA, HSPA
- Messages can be buffered when network not available
- Available with internal antenna
- Over the air firmware upgrades
- Over the air parameters setup
- Over the air parameters setup
- Interface with third party vehicle based modules
- e-mail messaging on events
- Garmin interface
- Unlimited number of geofences

Electrical Parameters

Operating Voltage:	7 - 36 V DC
Power Consumption:	2 mA sleep mode 100 mA active mode

Environmental Parameters

Operating Temperatures:	-40 to 75 C
Humidity	94% RH