

Platinum 7

Advanced Automotive Telematics & Vehicle Recovery System



Technical Information

Hardware Components

GSM	Quad-band EGSM 850/900/1800/1900MHz Integrated SIM Card reader Sleep Mode GPRS Data SMS and call ring monitor plus integrated microphone for silent monitoring DTMF
GPS	50-channel engine with over one million effective correlators Under one second time-to-first-fix for hot and aided starts Supports AssistNow Online and AssistNow Offline A-GPS services Supports antenna disconnect detection
Bluetooth	Bluetooth 2.0 + EDR qualified module for iPod chip management Supports up to 10 paired devices
Digital Input/outputs	Six external digital inputs; ten external digital outputs Six External audio inputs; six external audio outputs External key holder, Dallas and seven LAN signals
Echo Cancellation	Superior acoustic echo cancellation of up to 60dB Excellent noise suppression of 13-18dB for noisy environments (low SNR)
Communication	Communication Bus single wire protocol, up to eight external devices RS-232 for configuration/diagnostic of the unit

Electrical Characteristics

Operating Voltage	12VDC [9-28VDC]
Sleep Mode Current Consumption	0.5mA
Backup battery	3.7VDC internal rechargeable LI-Polymer battery rated at 2200mA

Physical Environment

Temperature Range and Operating Conditions	-40°C to 85°C Meets, or exceeds automotive industry standards for humidity, corrosion, salt mist/fog test; salt spray, dust, drip water, and constant humidity under operation tests
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Other Characteristics

Dimensions (L x W x H)	152mm X 120mm X 35mm
Weight	431 grams
Casing	Water resistant ABS POLYLAC PA-707 plastic box



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www.e-drivetech.com | E-mail: info@e-drivetech.com

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Platinum 7 is an advanced GPS/GPRS automotive telematics and integrated vehicle alarm system that meets increasing customer demand for a unique digital driving experience. With a specially designed rear view mirror unit, RF keypad and Personal Navigation Device (PND) touch screen navigation and communication center, Platinum 7 addresses five main areas of consumer concern, including Vehicle Security, Personal Safety & Roadside Assistance, Convenience & Navigation Services, Communications and a growing range of Infotainment services.

With user-initiated alarm activation via RF keypad, SMS, or service center, Platinum 7 detects attempts at vehicle intrusion at the earliest stage, and interdicts thefts with an audible warning and vehicle immobilization with simultaneous service center alerts and SMS notifications. The Platinum 7 Stolen Vehicle Recovery (SVR) capabilities come with a proven track record.

Platinum 7 service centers provide emergency medical and roadside assistance in case of accidents, mechanical failures, and accompany users to provide active emergency management support.

In addition to over-the-air delivery of routes and directions to the PND, Platinum 7 features a growing list of online convenience, Web and SMS services, embedded voice and data communications, voice recognition, text-to-voice and phonebook support for hands free operation.

Platinum 7 supports any Bluetooth compatible device such as a cell phone, MP3 player or iPad to stream sound through the vehicle's audio system with CD quality sound. Internet access for RSS feeds, news, weather and local points of interest.

Platinum 7 Key Features

Vehicle Security

- Online tracking via GPS/GPRS with tracking options in Standby mode: vehicle theft recovery begins with theft prevention, with or without the owners knowledge
- Supports remote immobilizing by internal or external relay and additional RIM device for added protection
- Unique vehicle alarm and integrated telematics for 24/7 theft prevention and alarm notification alerts
- Access security features via cell phone, Web application or customer service center
- Remote door lock/unlock

Personal Safety & Roadside Assistance

- Service center support for commercial and private users
- Automatic accident detection generates emergency calls for medical, mechanical, and legal assistance
- Active monitoring if threatened enroute
- SMS and system alerts for parking, motion, accidents, etc.

Navigation & Convenience

- Over-the-air delivery of routes and driving directions
- Advanced management via Web or mobile applications
- Immediate voice link to navigation and convenience services
- Generate reports for up to 700 user-defined parameters including vehicle maintenance and diagnostics
- Vehicle location, tracking, geo-fencing and checkpoints

Communications and Emergency Services

- Car kit and hands free system includes Bluetooth or internal modem with phonebook support
- Emergency help on demand or triggered automatically when a sudden deceleration or an accident is detected
- SMS, calls, and message services via PND

Infotainment

- High quality MP3 music streaming to vehicle audio system
- Text to speech synthesizer
- Bluetooth connectivity to cell phone with voice recognition and phonebook support

Hardware

- Over the air firmware upgrade via GPRS
- Integrated jamming and hot wire detection
- Backup battery with smart battery management and alerts