VEHICLE TRACKING DEVICE

AIS 140 VTS NAVIC IRNSS

www.apmkingstrack.com
APM Kingstrack, is an internationally reputed GPS Tracking company, offering world-class GPS Tracking solutions that help clients to track and manage vehicles, students, field workers and industrial machines. APM Kingstrack is an approved manufacturer of AIS 140 VLT device and Vehicle CCTV camera (IS 16833:2018 and AIS004) from the Authorized Testing Agency (ICAT). APM Kingstrack has a variety of GPS solutions such as Fleet tracking, Workforce tracking, School kids tracking, Temperature monitoring, fuel monitoring and Garbage Collection.

About APM Kingstrack

Automotive Industry Standard 140 (AIS 140) is a set of standards published by ARAI (Automotive) for vehicle tracking system (VTS) and emergency request button.

To comply with AIS 140 guidelines, all passenger carrying vehicles and national permit commercial vehicles will need to have a GPS tracking system and an emergency button.

Both the existing vehicles as well as the new vehicles will be required to be fitted with GPS and emergency button. This implies that the automotive OEMs along with aftermarket companies and Tier 1 suppliers need to have these systems ready.
AIS 140 Tracking Device

Pin Diagram

<table>
<thead>
<tr>
<th>Pin</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bat 12/4</td>
<td>Red</td>
</tr>
<tr>
<td>Ground</td>
<td>Black</td>
</tr>
<tr>
<td>Ignition</td>
<td>Brown</td>
</tr>
<tr>
<td>DIN 1</td>
<td>Orange</td>
</tr>
<tr>
<td>DIN 2</td>
<td>Orange/Black</td>
</tr>
<tr>
<td>AIN 1</td>
<td>Pink</td>
</tr>
<tr>
<td>AIN 2</td>
<td>Pink/Black</td>
</tr>
<tr>
<td>Out 1</td>
<td>Yellow</td>
</tr>
<tr>
<td>Out 2</td>
<td>Violet</td>
</tr>
<tr>
<td>RX</td>
<td>Red/White</td>
</tr>
<tr>
<td>TX</td>
<td>Red/Yellow</td>
</tr>
<tr>
<td>SOS Button</td>
<td>Blue/Red</td>
</tr>
<tr>
<td>SOS LedSV</td>
<td>Blue</td>
</tr>
<tr>
<td>SOS Ground</td>
<td>Gray</td>
</tr>
<tr>
<td>SOS Led Ground</td>
<td>White</td>
</tr>
</tbody>
</table>

Technical Specification

- **Dimension**: L-28 cm, H-2.5 cm, W-8.4 cm
- **Weight**: 160 g
- **Network**: GSM/GPRS/GPS, TCP/IP
- **Band**: 850/900/1800/1900 Mhz
- **GPS Sensitivity**: -165 dBm
- **GPS Accuracy**: Less than 2.5M
- **Time To First Fix**: Cold status 32s, Warm status 25s, Hot status 4s
- **Working Voltage**: 9-36V DC
- **Storage Temp**: -40°C to +85°C
- **Operation Temp**: -20°C to +80°C
- **Humidity**: 15% - 95%

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**Who Needs AIS 140 VTS Tracker?**

**BUSES**
- State Transport Undertakings - Inter-city & Intra city
- Private Bus Operators - Inter & Intra city

**TAXIES**
- Car and Bus Taxi fleet owners or operators (incl. corporate fleets)
- Rental Taxi operators
- Taxi hailing service providers
- Self-driven car rental operators

**INSTITUTIONS**
- Schools
- Colleges
- Institutional (incl. corporate) bus operators

**NATIONAL PERMIT COMMERCIAL VEHICLES**
- Cargo Vehicles

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Reports location in real time through different interfaces

IRNSS+GPS+AGPS Tracking
Allow the location to be pinpointed in real time or periodically

ACC Detection For Ignition Status
Be aware of the ignition status whenever you need

Remote Cut-Off (petrol/power)
Compel the vehicle to stop by breaking off the fuel connection

Tracked by: SMS, APP, Web
Reports location in real time through different interfaces

50000 Internal Data Storage
Memorize a large amount of GPS data for history review

Multiple I/Os
Digital Input/Output for remote monitoring and control

IP 65 Dust & Waterproof
Water-resistant to ensure stable operation in tough environment

Door Status Detection
Get instant alert when your car’s door is open unexpectedly

RS:232 Serial Communication Interfaces
Support Fuel level sensor, RFID reader

Multiple Alarms
Instant alerts for SOS, overspeed, low battery, vibration, etc

Drive Behavior Monitoring
Monitor the driving behavior of the driver based on the accelerometer

Multiple Alarms
Instant alert for power off, GEO-Fence

SOS Emergency Call
In case of emergency, Press the SOS button to trigger an urgent call
Why APM Kingstrack?

- Hardware Design & Manufacturing
- Inhouse Software Design & Development
- Support 100+ VTS Device Protocol
- Support Multiple Maps
- Software Customization
- Support Android / IOS
- Support API Integration
- One Year Warranty
Software Features

- Live Tracking
- Tracking History
- Maintenance
- Digital I/P
- Driver Behaviour
- Remote Immobilization
- Harsh Acceleration
- Overspeed Detection
- Harsh Breaking
- Seat Belt Status
- SOS
- Own Software Platform
- Alerts 20+
- Reports 20+

and more....

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Alert Notifications

- E-Mail Alert
- Desktop Notification Alert
- Push Notification Alert

Alert Type:
- Over speed: 92km
- Plate No: REF-008
Our Products

- B2B Fleet Management
- Government Approved IRNSS Tracking Device
- Security Solution CCTV
- Temperature Monitoring with GPS
- Fuel Monitoring Solution
- Work Force Management
- GPS Tracker for Your Personal Vehicles
- GPS Tracker for Every Home

and much more....

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