

HS-10

4G GPS TRACKER (LTE /GSM/GNSS)

HARES
Secure your world.

KEY FEATURES

- 4G LTE Cat .1 with 2G FallBack
- Lower Power Consumption < 4mA
- GNSS, LBS Location
- A Variety Of Sensors Can Be Expanded
- Wide Power Supply 9V-90V
- Multiple Input & Outputs



Insurance
Telematic



Fleet
Management



Stolen Vehicle
Recovery

INTRODUCTION

Supporting 9V-90V voltage range, HS-10 series works suitably with a wide range of vehicles. Thanks to its inbuilt large antenna and compact size, it delivers faster and more accurate positions and can be hidden-installed. In addition to its general features alerts of power supply disconnection and tamper alarm are also pluses for anti-theft. Ideally for fleet management, insurance and stolen car recovery.



4G
Network



LOGO
Customization



Driving behavior
analysis



SOS
Emergency Call



Insurance
Data



1 Year Free
Platform (IOPGPS)



CE, FCC, RoHS,
ANATEL



Driver ID
Behavior Monitoring

SPECIFICATIONS

GENERAL

| | |
|------------------------------|-------------------|
| Network | 4G Cat.1 + 2G GSM |
| Shell Material | PC (V0) |
| Operating Voltage | 9V - 90V DC |
| Water & Dust Resistant Level | IPX5 |

WIRELESS

| | |
|--------------------|---|
| Data Support | SMS, TCP |
| EU (SIMCOMA7670E) | LTE-FDD: B1/B3/B5/B7/B8/B20 GSM: 900/1800 MHz |
| SA (SIMCOMA7670SA) | LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 GSM: 850/900/1800 /1900MHz |

CONNECTOR

| | |
|----------------|-----------------------------------|
| Connector Type | 8 Wires |
| USB | 1 Micro USB (configuration/debug) |
| GPS Antenna | Internal |
| LTE Antenna | Internal (Bracket Antenna) |
| SIM Card | Micro SIM |




ON BOARD

| | |
|------------------|--|
| LED | x3 Power LED GNSS LED Network LED |
| Memory | 5000 Records |
| 3D Accelerometer | On Board |

SIZE AND WEIGHT

| | |
|------------|----------------|
| Dimensions | 79.5x42x12.5mm |
| Weight | 47g |

STANDARD PINOUT

| | | |
|---|---------------|-------------|
|  | Yellow RELAY | Green DIN1 |
|  | Orange ACC | Blue DIN2 |
|  | Black GND | White AIN1 |
| | RED 9V-90V DC | Purple AIN2 |

POSITIONING

| | |
|------------------------|----------------------------|
| Location Technology | GPS/Glonass/Galileo/BeiDou |
| Chip Model | AT6558R |
| Positioning Antenna | Built-in antenna |
| Antenna Specifications | 25x25x2mm |
| Concurrent GNSS | GPS+BDS (Default) |
| Update Rate | 1 Hz |
| Channels | 20 |
| Tracking Sensitivity | -162dBm |
| Cold Start Open Sky | 32 s |
| Hot Start Time | 1 s |
| Assisted GPS | Supported |

ELECTRICAL

| | |
|---------------------------|---|
| Hardware Protection | Anti-Reverse For Power Supply ESD Surge Over Voltage Over Current |
| Power Average Consumption | 4 mA 12V (Sleep) 55 mA 12V (Active) |
| Built-in Battery | 250mAh 3.7V |
| Working Temperature | -20°C - 75°C |
| Storage Temperature | -30°C - 80°C |
| Working Humidity | 10%-85% RH non-condensing |

Optional

| | |
|---------------------|----------|
| BlueTooth | Optional |
| 1-Wire | Optional |
| RS485 | Optional |
| ADC | Optional |
| Temperature Sensor | Optional |
| Door Magnetic | Optional |
| iButton | Optional |
| Oil Level Detection | Optional |

