

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 plus 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

Golden Star Network Co.

Website: gsnco.om

Address: Way2114, building 704, near Oman oil petrol station, Madinat Qaboos, Muscat, Oman

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

