

















HYN001

4G LTE GPS Tracker

LTE Cat.1 (fall back to 3G/2G) GPS tracker with BLE for comprehensive vehicle tracking applications



-  Compact Size
-  BLE 5.2
-  Concealed Installation
-  GEO Fence
-  Crash Detection
-  Driving Behavior
-  OTA
-  Oil Level Detection
-  Temperature Sensor (Optional)
-  Motion Sensor
-  Weight:
-  Dimension:
-  Working Temperature:
-30°C~+80°C
-  Working Voltage:

HYN001 is a well designed 4G GPS tracker used for all kinds of vehicle tracking applications. It has built in BLE and backup battery. The multiple I/O interface support various external sensors. Also the compact size ensures conceal and easy installation. The HYN001 has good quality and excellent GPS performance, it has passed major operators certifications in the world.



Huiye IoT Products

ON THE ROAD

HYN001 Specifications

Product Information	
Model Name	HYN001
Dimension	106*43.2*13.5mm
Weight	66g
LTE Specification	
Operating Band	Cat1:LTE-FDD: B1/ B2/ B3/ B4/ B5/ B8/ B28/ B66 LTE-TDD: B40 WCDMA: B1/ B2/ B5/ B8/
Data Transmission	LTE(Mbps):10(DL)/5(UL) HSPA+(Mbps):42(DL)/5.76(UL) WCDMA(Kbps):384(DL)/384(UL)
EGPRS Specification	
Frequency	EGPRS 850 / 900 / 1800 / 1900 MHz
Data Transmission	GPRS/EDGE(Kbps):236.8(DL)/236.8(UL)
GNSS Specification	
GNSS	Qualcomm MDM9207
Sensitivity	Tracking: -161 dBm Cold start: -148 dBm
Position Accuracy(CEP)	Autonomous: < 2.5m (CEP50)
TTFF(Open Sky)	Cold start: 27s average Warm start: 27s average Hot start: 1s average
Hardware Specification	
Digital Input	1 positive trigger for ignition input
Digital Output	1 digital output, open drain 1A MAX
Configurable Input/ Output	1 configurable input/ output (open drain 1A MAX)
Analog Input	1 Analog input
Cellular Antenna	Internal
GNSS Antenna	Internal
LED	2 (CELL and GPS)
BLE	5.2
General Specification	
Waterproof	IP65
Backup Battery	200mAh
Operating Voltage	8V to 32V DC
Operating Temperature	-30℃~ +80℃
Storage Temperature	-40℃ ~+80℃
Air Interface Protocol	
Transmit Protocol	TCP, UDP, SMS
Scheduled Report	Report position and status according to preset intervals
Geo-fences	Geo-fence alarm, support circular and polygon regions
Power On Report	Report when device is powered on
Tow Alarm	Support
Driving Behavior Monitoring	Support
Crash Detection	Support
Other Alarm	Special Alarm based on digital input connection