PT200

2G Pro Car GPS Tracker

Qaud Band
Support 850/900/ 1800/1900Mhz

GPS/BDS/QZSS(GLONASS optional)
Multiple positioning system for high-precision real-time positioning

IP66
IP66 Water-resistant ensures stable operation in tough environment

9-100V
9-100V wide operating voltage applicable to all types of vehicles

128 Mb Flash
Store buffer when the signal is lost to keep a complete tracking route

Two-way Audio
With MIC and loudspeaker for two-way communication

Remote cut-off (petrol/power)
Compel the vehicle to stop by breaking off the fuel Supply

RS232
RS232 port can be equipped with Camera, RFID, magnetic card reader or OBD II reader

Dual Server IP
Support uploading location data to two servers simultaneously

1-Wire
1-Wire® can be equipped with up to 8 temperature sensors or ibuttons

Multiple I/O
3IN + 2OUT+1AD+1RS232+1-Wire+ 1Speaker+1Microphone, 4IN/2AD configurable

Driving Behavior
Support harsh acceleration alarm, breaking alarm, harsh turning alarm, speeding alarm, drunk driving alarm, fatigue alarm etc.

FOTA
Quickly and easily upgrading firmware remotely

Fuel Steal Alarm
Support ultrasonic fuel sensor or capacitive fuel sensor with fuel steal alarm

Application:


Taxi


Bus


Motorcycle

Basic Specifications

Power supply	9V-100V
Dimension	99 x 54 x 19.5mm
Weight	106g
Backup Battery	500mAh
Normal Power Consumption	65mA/h
Work Time	33 hours in power saving mode and 7.5hours is normal mode
Operation Temperature	-20° to 80° C
Humidity	5% to 95% Non-condensing
Memory	128M bit
Waterproof Level	IP66
Positioning	GPS/BDS/QZSS(GLONASS optional)

GSM Specifications

Frequency	GSM: 850/900/1800/1900MHz
2G Module	Quectel M26
Data Transmission	GPRS: Max.85.6Kbps (DL)/Max.85.6Kbps (UL)
GSM Data Transmission	Multi-slot class 12

GNSS Specifications

GPS Type	Airoha AG3331
Sensitivity	Acquisition -149dBm Tracking -167dBm Reacquisition -162dBm
Position Accuracy	Autonomous: < 2.5m CEP
Velocity Accuracy	Without Aid: <0.1m/s
Channel	33(Tracking)/ 99 (Acquisition)
TTFF (Open Sky)	Cold Start: <26s Warm Start: <15s Hot Start: <1s
Reacquisition Time	<1s

Interfaces

Digital Inputs	3 inputs(All 3 inputs can be configured as high and low trigger modes, IN3 can be configured as AD input mode)
Digital Outputs	2 digital output, open drain, 500 mA max drive current
Analog Inputs	1 analog input (0V-36V), input3 can be configured as AD2(0-6.6V)

1-Wire Interface	1-Wire® can be equipped with up to 8 temperature sensors or ibuttons
Power Output	5V outputs for external accessories
Communication Ports	1 RS232 port for external accessories, such as RFID,OBD II, magnetic card reader etc.
Cellular Antenna	internal antenna
GNSS Antenna	internal antenna
LED Indicators	Network, GNSS
Microphone	External MIC
Speaker	External Speaker

Air Interface Protocol

Transmit Protocol	TCP, UDP, SMS
Scheduled Report	Report position and status based on preset time intervals, distance, mileage or a combination of these settings
Geo-fences	Geo-fence alarm and parking alarm
Low Power Alarm	Alarm when backup battery is low
Power On Report	Report when the device is powered on
Driving Behavior Monitoring	Support harsh acceleration alarm, breaking alarm, harsh turning alarm, speeding alarm,drunk driving alarm, fatigue alarm etc.
Fuel Monitoring	Support ultrasonic/capactive fuel sensor for fuel monitoring, with fuel steal alarm
Temperature Monitoring	High temperature alarm, low temperature alarm
Towing Alarm	Trigger an alarm when towing illegally
Idling alarm	Trigger alarm when the vehicle is parked but the ACC is on, saving fleet costs
Remote Control	OTA control of digital outputs
FOTA	Support firmware upgrade over the air
OBD II Reader	Read engine Rotating speed, water temperature, etc.
Camera	Developing
RS232	RX green line, TX white line
Protocol	iStartek new protocol

Optional Accessories

Speaker	RFID Card Reader	Ultrasonic Fuel Sensor	OBD II Reader
			

Buzzer

Capacitive Fuel Sensor

iButton

Temperature Sensor

USB Cable

Relay

Microphone

SOS Button

Weight Sensor

Pin Switch