



PT200

2G Pro Car GPS Tracker



Qaud Band

Support 850/900/
1800/1900Mhz



IP66

IP66 Water-resistant ensures stable
operation in tough environment



128 Mb Flash

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



Remote cut-off (petrol/power)

Compel the vehicle to stop by
breaking off the fuel
Supply



Dual Server IP

Support uploading location data to two
servers simultaneously



Multiple I/O

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



FOTA

Quickly and easily upgrading firmware
remotely



GPS/BDS/QZSS(GLONASS optional)

Multiple positioning system for
high-precision real-time positioning



9-100V

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



Two-way Audio

With MIC and loudspeaker for two-way
communication



RS232

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



1-Wire

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



Driving Behavior

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



Fuel Steal Alarm

Support ultrasonic fuel sensor or
capacitive fuel sensor with fuel steal alarm

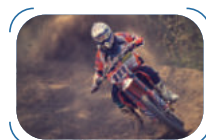
Application:



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

