**KEY FEATURES**

- High-sensitivity GNSS Receiver with on-board processing of all positioning data
  - Sub-meter real-time accuracy
  - Integrated antenna
- Compact and lightweight
- Compatible with multiple platforms:
  - Apple® iOS™
  - Google® Android™
  - Microsoft® Windows® and Windows Mobile (WEHH)
- IP65 Environmental Protection and MIL-STD-810G ruggedness
- ViewPoint™ RTX support over satellite L-band and cellular
- Bluetooth® connectivity
- Long battery life

**ACCURACY FOR EVERYONE: PROFESSIONAL-LEVEL GNSS POSITIONING INFORMATION FOR ALMOST ANY DEVICE**

The Trimble® PG200 is a rugged, pocket-sized GNSS receiver that provides sub-meter accuracy to users of any Bluetooth® connected mobile device, including smart phones, tablets, or more traditional integrated data collection tools such as a Trimble handheld computer.

**Multiple Constellation Support Provides Global Reach**

The PG200 supports multiple GNSS constellations, including GPS, GLONASS, Galileo, QZSS and BeiDou, and also includes the ability to utilize SBAS, Trimble ViewPoint™ RTX or VRS correction sources to suit the location and business requirements - providing accurate GNSS information almost anywhere on earth.

The Trimble ViewPoint RTX* service provides near-global sub-meter accuracy, using Internet Protocol (IP) cellular where coverage is available, or over satellite L-band, even in remote locations.

**Small and Easy to Use**

The compact size and light weight of the PG200 makes it easy for the mobile worker to carry without worrying about bulky equipment. The palm-sized device can easily be carried in a pocket or hung on a belt, using the optional belt pouch.

Download the intuitive GNSS Status Trimble software app to allow configuration of real time sub meter corrections and provides status information, conforming to device platform standards (iOS, Microsoft, or Android). GNSS Status will connect with any PG200 once it has been paired using Bluetooth.

IP65 rated environmental protection and military-spec 810G certified ruggedness make the PG200 ideal for professional outdoor use.

The Trimble PG200 GNSS receiver is easy to use. Simply:

- Install the GNSS Status application on the consumer or Trimble device
- Turn on the PG200 receiver and pair using Bluetooth
- Configure the receiver with a correction source (e.g. SBAS, RTX...)
- Instantly start collecting data using your mobile device

*Available only through Trimble applications, Trimble ViewPoint RTX service provides near-global sub-meter accuracy using IP cellular where coverage is available, or over satellite L-band, to support your needs in remote locations around the world.
PG200 GNSS Receiver

GNSS
Sensor type: ............. L1/G1 GNSS receiver and antenna
Systems: ............. GPS, GLONASS, Galileo, QZSS
Channels: ............. 44-channel, parallel tracking
Correction sources: ... SBAS, ViewPoint RTX, QZSS, VRS
SBAS: 4-channel, parallel tracking WAAS, EGNOS, MSAS
GAGAN, SBAS ranging
Receiver Protocols: ............. NMEA 0183 v4.00, Binary
Update rate: .......................................................... 1 Hz
Time to first fix: .................... 45s typically
Reacquisition: ...................................... < 2s
Real time correction protocols: .... CMR, CMR+, CMRx
RTCM 2.1, 2.2, 2.3, 3.0, 3.1
SBAS accuracy1: .............................................. <100 cm
ViewPoint RTX1: ........................................... 50 cm HRMS
Code DGNSS accuracy (real-time)1: ...... 75 cm + 1 ppm HRMS
Maximum speed: ... 1,850 kph / 1,150 mph / 999 knots
Maximum altitude: ............ 9,000 m (29,520 ft)

INTERFACES
Port: ............................................. Bluetooth 2.1 + EDR,
USB 2.0 (charge/firmware update)
Bluetooth transmission: .......... Class 2 (10m), iAP2
and 2.1 + EDR
Bluetooth frequency: .............. 2.400 - 2.485 GHz
Raw measurement data: ......... Trimble GSOF, Binary
Communication status LED: ...... Bluetooth status, GNSS,
Corrected GNSS
Power status LED: ...... Charging, charging (full), 3 stage
battery status (>50%, 15 – 50%, <15%)

BATTERY AND POWER
Battery Type: ...................... Integrated Lithium-Ion
Battery Capacity: ...................... 3.7v 15Wh
Battery Life: ......................... 10+ hours
Charging Time: ...................... 3.5 hours (typical, with supplied charger)
External Antenna Voltage Output: ..................... 3 VDC
External Antenna Input Impedance: ............. 50 Ohms

ENVIRONMENTAL
Water/Dust Ingress: ......................... IP65
Operation temperature: .......... −20 °C to +60 °C
(−4 °F to +140 °F)
Storage temperature: .......... −30 °C to +70 °C
(−22 °F to +158 °F)
Relative humidity: .......... 95% non-condensing
Shock (non-operating): .......... 1.2 m (4 ft) to
plywood over concrete
Vibration: ................................. MIL-STD-810G Method 514.5
Procedure I Category 24
Maximum storage altitude: .... 12,192 m (40,000 ft)
Maximum operational altitude: .... 9,000 m (29,520 ft)

PHYSICAL
Enclosure Dimensions: .................... 11.2 x 6.8 x 2.6 cm
(4.4 x 2.7 x 1 in)
Weight: ........................................ 187g (0.4 lb)
Power Connector: ...................... Micro-B USB Female
External Antenna Connector: ..................... SMB Female

INTERNAL ANTENNA
Frequency Range: ...................... L1, G1, L-Band
(1535 MHz - 1610 MHz)

SUPPORTED PLATFORMS
iOS (7 or greater), Android (4.1 or greater),
Windows (7 or greater), WEHH (6.5x)

COMPLIANCE
FCC Part 15 (Class B device), CE Mark, RoHS, Bluetooth

ACCESSORIES
Belt pouch/clip
Pole pouch
1.5m (5 ft) External Antenna

“Apple Certification. Made for iPhone,” and “Made for
iPad” mean that an electronic accessory has been designed
to connect specifically to iPhone or iPad, respectively,
and has been certified by the developer to meet Apple
performance standards. Apple is not responsible for the
operation of this device or its compliance with safety
and regulatory standards. Please note that the use of
this accessory with iPhone or iPad may affect wireless
performance.

iPad, iPhone and Retina are trademarks of Apple Inc.,
registered in the U.S. and other countries. iPad mini is a
trademark of Apple Inc.

Android is a registered trademark of Google, Inc. Windows
is a registered trademark of Microsoft, Inc.

1Accuracy and reliability may be subject to anomalies
due to multipath, obstructions, satellite geometry, and
atmospheric conditions. Always follow recommended
GNSS data collection practices. Specified ViewPoint RTX
accuracy is typically achieved within 10 minutes.