# Compact, easy-to-use, network RTK

The V100 is a compact, lightweight and intelligent GNSS RTK Receiver. The built-in whole constellation BD970 OEM board, 4.0 standard dual-mode long-range Bluetooth and NFC module, data collection internet support and Hi-Target Cloud Service make this the most convenient and efficient receiver for the network age.

### **Multi-constellation Tracking**

220 channels

Supports GPS, GLONASS, GALILEO, BDS, SBAS NGS approved GNSS antenna

#### **Convenient Connection**

Bluetooth can be connected in seconds based on NFC technology 4.0 standard dual-mode long-range Bluetooth, compatible with 2.1 standard Bluetooth

### **Powerful Battery**

Powered by high-capacity (6300mAh) Li-ion battery Supports power bank to charge, the battery can be used universally with iHand20 handheld battery

### **Wide Range of Application**

V100 can be paired with varieties of handhelds and GIS data collectors, and provide an easy-to-use solution for survey and GIS professionals who need to collect highly accurate data in a variety of applications.



<sup>&</sup>lt;sup>1</sup> Developed under a License of the European Union and the European Space Agency. iiPrecision and reliability may be subject to anomalies due to multipath, obstructions, satellite geometry, and atmospheric conditions.

iiiGPS only and depends on SBAS system performance. FAA WAAS accuracy specifications are <5m 3DRMS.

Descriptions and Specifications are subject to change without notice.

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7 dust proof protected from temporary immersion
depth of 2m(6.56ft)
signed to survive a 3m(9.84ft) natural fall onto concret
W
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V-5.5V/ 2A DC (USB), 6V-28V/2A DC (5 pin port)
3 internal storage
ours (Data collector internet)
data downloading, power supply and firmware upgradir
NMEA output, DC power supply and external devices
al-mode BT 4.0, compatible with BT 2.1, 2.4GHz
easy tap to establish BT connection
Target/ Pacific Crest ADL Vantage pro external io (optional)
z positioning output, up to 20Hz

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Navigation outputs ASCII

Navigation outputs binary GSOF





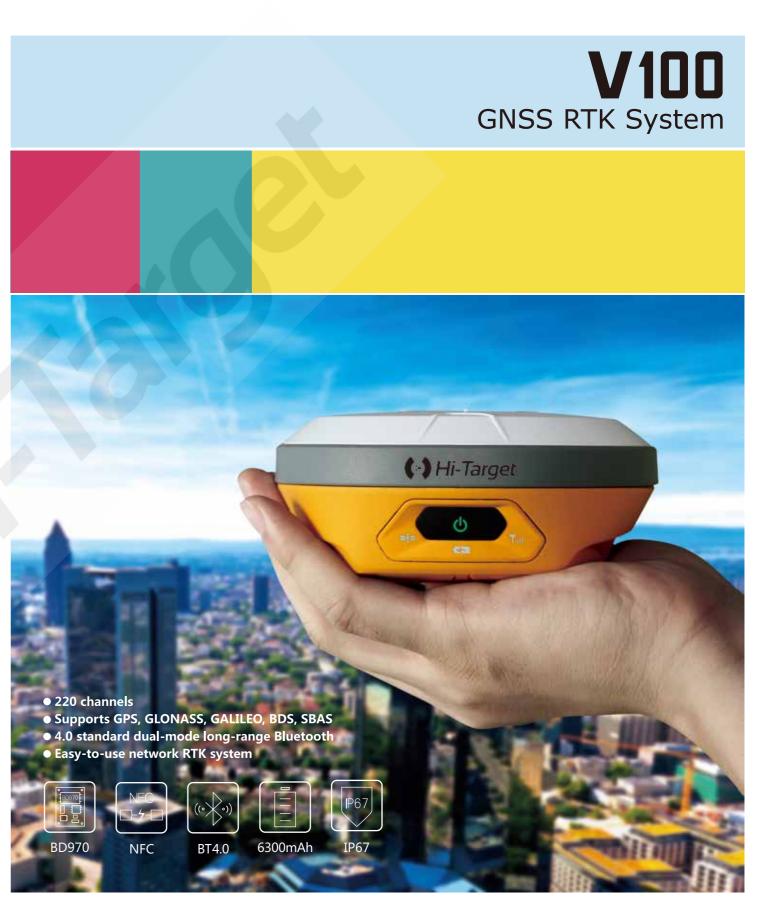
NMEA-0183 GSV, AVR, RMC, HDT, VGK, VHD, ROT, GGK,

GGA, GSA, ZDA, VTG, GST, PJT, PJK, BPQ, GLL,GRS, GBS









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