GNB Base Series

All-in-one architecture with modular design
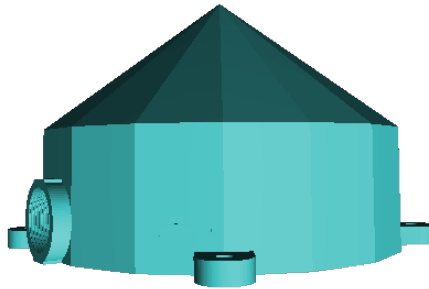## Easy installation system with plug & play feature

Advanced Remote Support (RS) system that works with all firewalls

Automated base point analysis with various options and visual views

Client-specific hardware and software customization available

Software compatibility with all common systems Windows, Mac, Android, IOS and Linux

Live data sync options with various online disk storage systems, including: Google Drive, Microsoft OneDrive and Amazon S3

Deploy anywhere such as poles, roofs etc. with various power and data connection options

A/C Wall Outlet, 110-220v, 5v via plug or USB, 12v/24V, Active/Passive POE Ethernet, PV solar array etc. power options available

Multi-band, multi-system GNSS support for global coverage

Drop-in custom software modules are supported via Developer Network integration

Advanced high-precision antenna options including choke-ring antennas

Water and dust protection up to IP67

For latest product information, please visit our website or contact one of our offices.

www.y3t.systems

FEATURES

4 core 1.2 or 1.5Ghz ARM based processor, Linux based OS
1/2/4/8 GB of RAM
8 GB to 512GB persistent disk options
Wired LAN, 2.4Ghz + 5Ghz IEEE 802.11 b/g/n/ac Wireless LAN*
Bluetooth/BLE version 4.2/5.0*
84-channel or 184-channel GNSS tracker
L1/L1+L2/E1+E5 single or dual channel frequencies
2-system GPS/GLONASS, 3-system GPS/GLONASS/GALILEO
4-system GPS/GLONASS/GALILEO/BEIDOU options
Up to 20Hz RTK data
NTRIP, NTRIPS, RTCM 3.0, RTCM 3.3, NMEA, RINEX
Advanced base analysis tools built into device software
Secondary External Long range WiFi adapter*
Proximity sensors for security*
Plug and play with fully remote management

Optional feature, availability varies

ADVANTAGES

Variety of multi-band patch and helical antennas, external antennas
Reference station data sharing
Works as a standalone NTRIP caster or part of network
Custom-colored containers, camouflage colors available
3D-printable spare containers via developer network
Client-specific software modules
Built-in Y3T Kindred Ntrip caster for fully offline applications

PRECISION

SINGLE : up to 1.5 meters (CEP)
SBAS   : up to 1.0 meter (CEP)
RTK   : up to 0.01 meter + 1 ppm (CEP)

MODELS

GNB22-* 2 constellation, single band(L1 only) GNSS base receiver
GNB33-* 3 constellation, single band(L1 only) GNSS base receiver
GNB48-* 4 constellation, dual band(L1+L2) GNSS base receiver
* 6 to 20 character model configuration string

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