FastRTK® Base Station
RELIABLE RTK CORRECTIONS

Manageable Solution for Precision RTK Positioning

The FastRTK® Base Station delivers reliable, centimeter-level accuracy for 3D positioning, offering a manageable and affordable solution for precision RTK. It features broad compatibility, easy setup, and a rugged design. Key functionalities include flexible internet solutions, a user-friendly web interface, and a live streaming dashboard for monitoring.
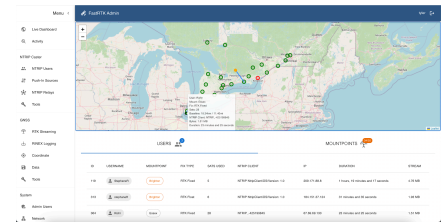
Key Features:

- **Real-Time Accuracy**: Provides centimeter-level accuracy for reliable 3D positioning.
- **Wide Compatibility**: Works with all major GNSS receivers and field data collection software.
- **Easy Setup**: Quick and simple installation with minimal configuration required.
- **LAN/CELL**: Configure for either LAN or cellular internet
- **Durable and Rugged**: Built to withstand harsh environments, ensuring long-lasting performance in the field.
- **Dual Communication Ports**: Features both USB and serial output for RTK streaming and Rinex logging
- **Built-In Web Interface**: View and manage users through an intuitive web interface.
- **Low-Cost Solution**: Offers high-precision GNSS base station capabilities at a more affordable price point compared to traditional solutions.
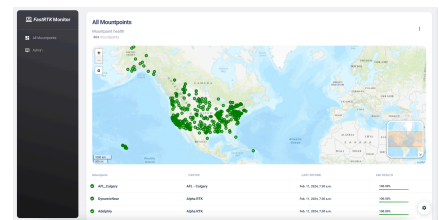
Live Streaming Dashboard

Live Streaming Connected Users

The FastRTK® Base Station provides a live streaming dashboard that allows you to view and manage connected users in real-time. This feature is essential for easy troubleshooting of users in the field, enabling quick identification and resolution of connectivity or data issues.

Uptime Monitoring

The Monitor Tool tracks base station outages, providing quick, easy, and precise alerts for network disruptions. This tool is compatible with any NTRIP casters and is shareable with outside stakeholders.

FastRTK®

Reliable equipment, accurate results

Specifications	FastRTK Stationary Base
Size	43.18 cm x 35.56 cm x 27.94 cm (17 in x 14 in x 11 in)
Weight	7.6 kg (16.8 lb)
GNSS Receiver	Arrow Gold GNSS Receiver
Data Frequency	1hz
Data Output	RTCM3, DMR, ROX, CMR
Temperature Range	-30 to +50° C (-22 to +122° F)
Power Supply/Usage Consumption	120v AC
Construction	Fiberglass reinforced polyester
Environmental	IP66 rated, Automatic Fan
Antenna Connector	TNC
Communication	Ethernet or Cellular
Installation Location	Interior or Exterior

Includes:

FastRTK Antenna
100ft LMR 400 cable
Flipbit remote power relay

Accessories:

UHF radio
White glove hosting services
Antenna roof mounting kit
Base installation services