



FJD TRION™ N10

CORS SYSTEM

N10
GNSS Reference
Receiver

FJD TRION™ N10 CORS SYSTEM

The FJD Trion N10 CORS System provides 24/7 correction data services for numerous users. The GNSS receiver N10 has strong anti-interference ability and supports all satellite constellations, including GPS, GLONASS, Galileo, Beidou, and QZSS. An internal battery ensures continuous operation during power loss, while the FJD Location Basic Service platform allows for convenient management of base stations and users. RTCM data is available for terminal users via the internet. FJD CORS provides reliable high-precision location services for survey and navigation users.



Centimeter-level
Positioning Accuracy (2-5 cm)



Multi-satellite
Multi-frequency



All Weather
7 * 24 Hours



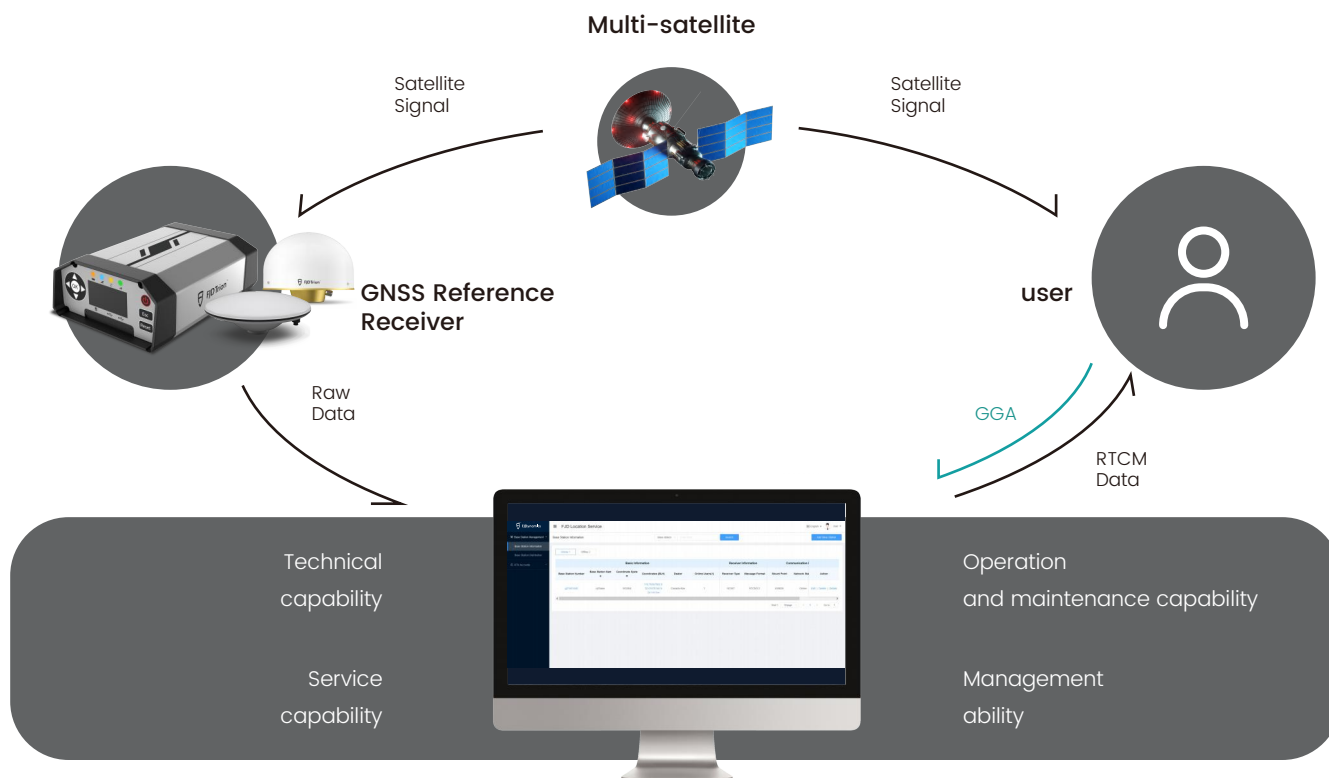
10000 Concurrent
Users/Single Server



Timely Warning
Function



High Availability
and Fast Convergence



FJD Location-Based Service (FLBS)

GNSS REFERENCE RECEIVER N10

Multi-Satellite & Multi-Frequency

GPS, GLONASS, BEIDOU, GALILEO and QZSS.

Remote Management

Simplifies management and maintenance.

Multiple Network Transmission Links

4G and LAN.

Long Service

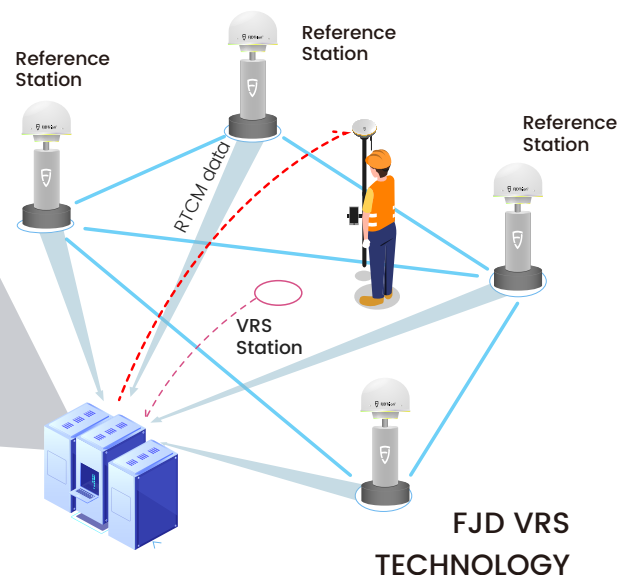
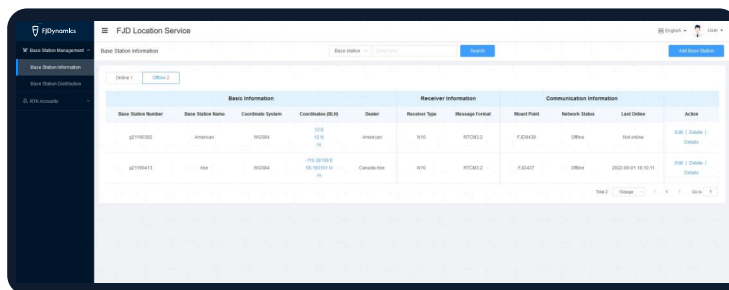
Long life and 7 * 24h support

High Accuracy

Capable of working with various terminal devices and delivers centimeter-level positioning accuracy.



FJD LOCATION-BASED SERVICE (FLBS)



APPLICATION



Machine
Control



Precision
Agriculture



Auto
Drive



Engineering
Survey



UAV
Application

QUICK SPECS

PERFORMANCE PARAMETERS

Signal	BDS B1I/B2I/B3I/B1C/B2a/B2b* GPS L1C/A/L2P (Y)/L2C/L5 GLONASS L1/L2 Galileo E1/E5a/E5b QZSS L1/L2/L5
Single point position(RMS)	Horizontal: 1.5 m Vertical: 2.5 m
DGPS(RMS)	Horizontal: 0.4 m Vertical: 0.8 m
RTK(RMS)	Horizontal: 0.8 cm+1 ppm Vertical: 1.5 cm+1 ppm
First positioning time	Cold boot: < 20s Hot boot: < 10s
Re-acquisition	< 1s
Differential data	RTCM 2.x/3.x
Network protocol	NTRIP/TCP

ENVIRONMENTAL PARAMETERS

Operating temperature	-40 C ~ +65 C
Storage temperature	-40 C ~ +80 C
Humidity	95%±4@+40 C

ELECTRICAL CHARACTERISTIC

Input voltage	AC 90—260 V DC 9—36 V
Power consumption(Standard)	5 W



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