



FJD N20

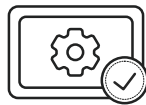
FIXED HIGH POWER GNSS STATION



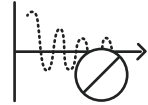
LOCATE WITH PRECISION, ANYWHERE, ANYTIME



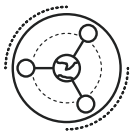
Multi-satellite
Multi-frequency



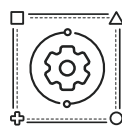
Easy
Configuration



Strong
Anti-interference



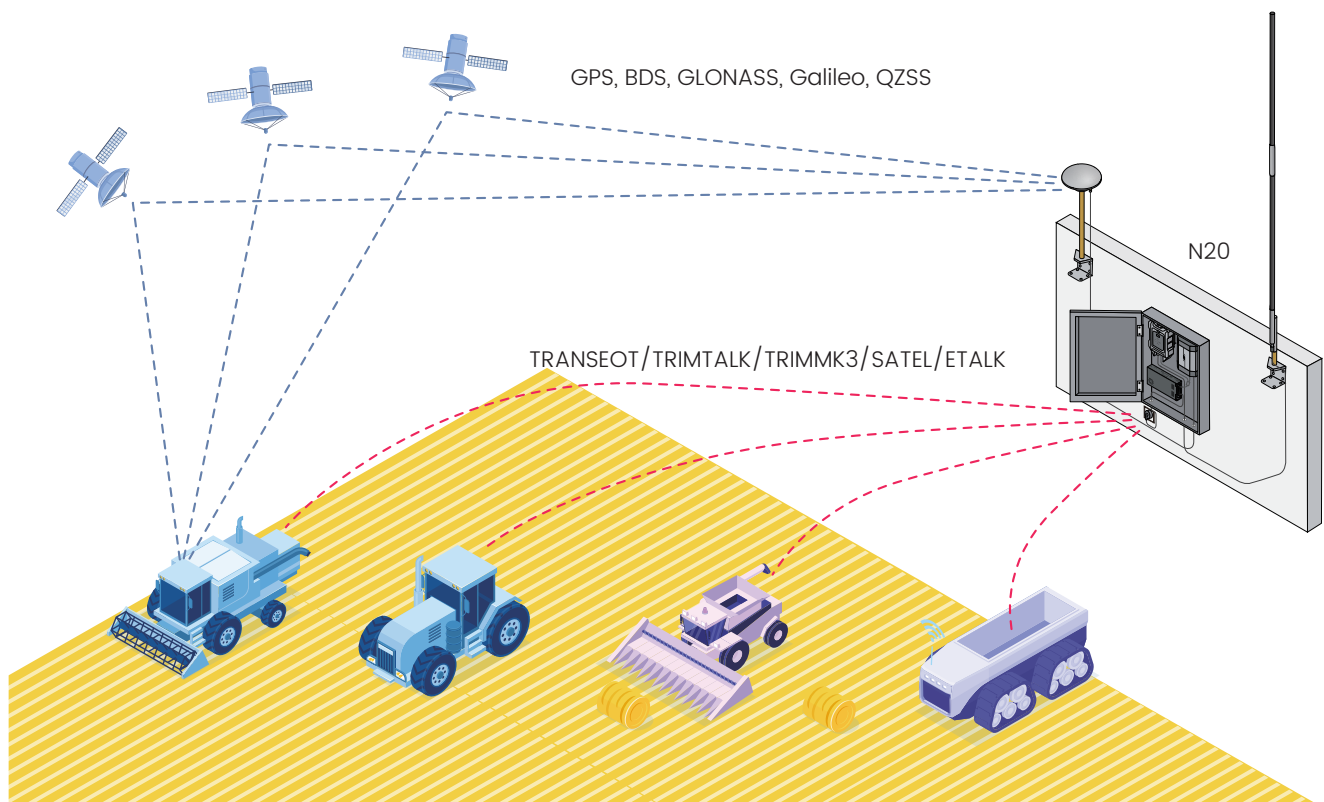
Wide Signal
Coverage



Extensive
Compatibility



Uninterrupted
Operation





Multi-satellite & Multi-frequency with CM-level Accuracy

The RTK module boasts comprehensive support for various GNSS constellations including BDS, GPS, GLONASS, Galileo, and QZSS, covering a wide frequency range. It excels in challenging environments, delivering exceptional accuracy and reliable performance.



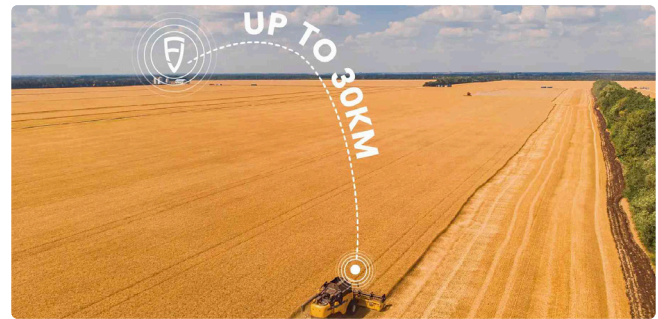
User-friendly Operation Experience

Three independent modules can be swiftly installed and connected, offering seamless integration. By supporting wireless hotspot connections, N20 allows for quick and convenient configuration and parameter management.



Strong Anti-interference

With its built-in frequency interference detection feature, N20 can accurately identify interference frequencies, thereby improving signal quality.

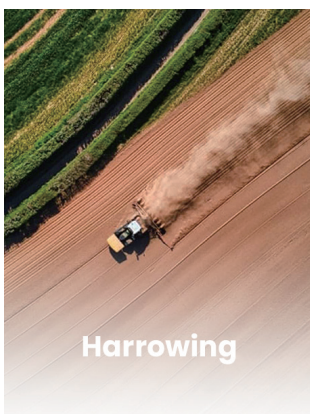


Wide Signal Coverage

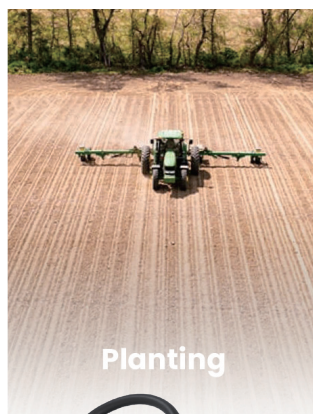
Equipped with a high-power radio, it can achieve a coverage radius of up to 30km in ideal operating conditions. It also allows for easy switching between high, medium, and low power modes, effortlessly meeting various operation requirements.

APPLICATION SCENARIOS

It supports multiple radio protocols and baud rates, providing a stable signal source for FJD products, such as the FJD AT1 Autosteering Kit and the FJD AT2 Auto Steer System, keeping you covered throughout the farming seasons.



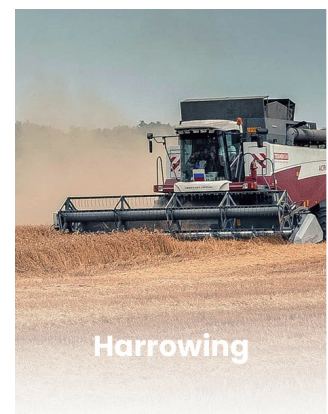
Harrowing



Planting



Spraying



Harrowing



SPECIFICATIONS

PERFORMANCE PARAMETERS

Signal	BDS B 1 I / B 2 I / B 3 I / B 1 C / B 2 a
	GPS L 1 C / A / L 2 P (Y) / L 2 C / L 5
	GLONASS L 1 / L 2
	Galileo E 1 / E 5 a / E 5 b
	QZSS L 1 / L 2 / L 5
Single point position(RMS)	Horizontal: 1.5 m
	Vertical: 2.5 m
RTK(RMS)	Horizontal: 0.8 cm+ 1 ppm
	Vertical: 1.5 cm+ 1 ppm
Location data update rate	Up to 5 Hz

ENVIRONMENTAL PARAMETERS

Operating temperature	-40 °C ~ 65 °C
Storage temperature	-40 °C ~ 85 °C
Storage temperature	IP 67 rated
	(Receiver, Radio and GNSS Antenna)

Static post-processing(RMS)	Horizontal: 2.5 mm+ 1 ppm
	Vertical: 5.0 mm+ 1 ppm
Protocol support	NMEA-0183 , RTCM 3.2
External Radio Features	Broadcast RTCM 3.2
External Radio Properties	
Frequency range:	410 ~ 470 MHz
ETALK Transmit power:	High
Built-in 32-channel support protocols: TRANSEOT, TRIMTALK,	
TRIMMK 3 , SATEL, ETALK	

ELECTRICAL CHARACTERISTIC

Input voltage	DC 9 V ~ 16 V
Complete-built unit power consumption	95 W
	(10 W for receiver, 85 W for radio)

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CREATE FOR A BETTER WORLD

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