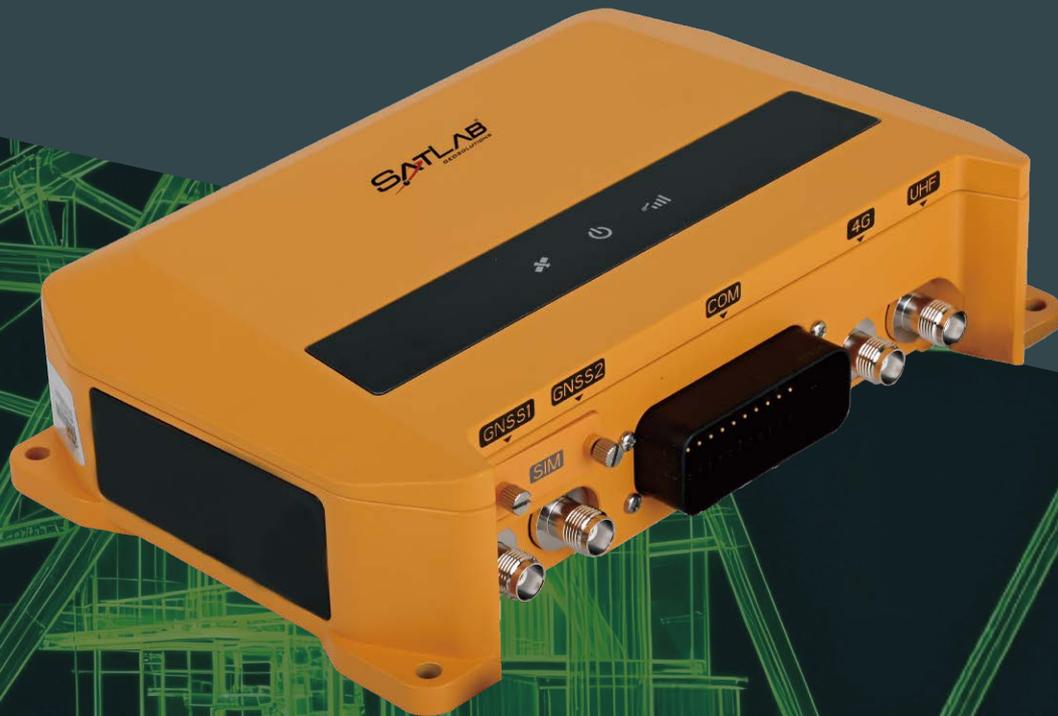


T700

A reliable RTK GNSS solution for modern agriculture.



T700 GNSS Receiver

The T700 is an intelligent GNSS receiver engineered to tackle the core challenges of base & rover operation, supporting Radio + NTRIP simultaneously, enabling scalable precision agriculture for farmers, cooperatives, and service providers worldwide. T700 empowers farmers with reliable, real-time positioning data to maximize efficiency, reduce wasted fertilizer, pesticide, seed, and simplify daily field operations. Whether planting, spraying, or harvesting, T700 ensures your machinery executes perfect, repeatable passes—row after row, season after season.



Centimeter-Level Accuracy



4G, WiFi & Data Radio Connectivity



All-Weather Operation

Powerful Base Station Mode

T700 is more than a GNSS receiver – it is a complete agricultural RTK base station.

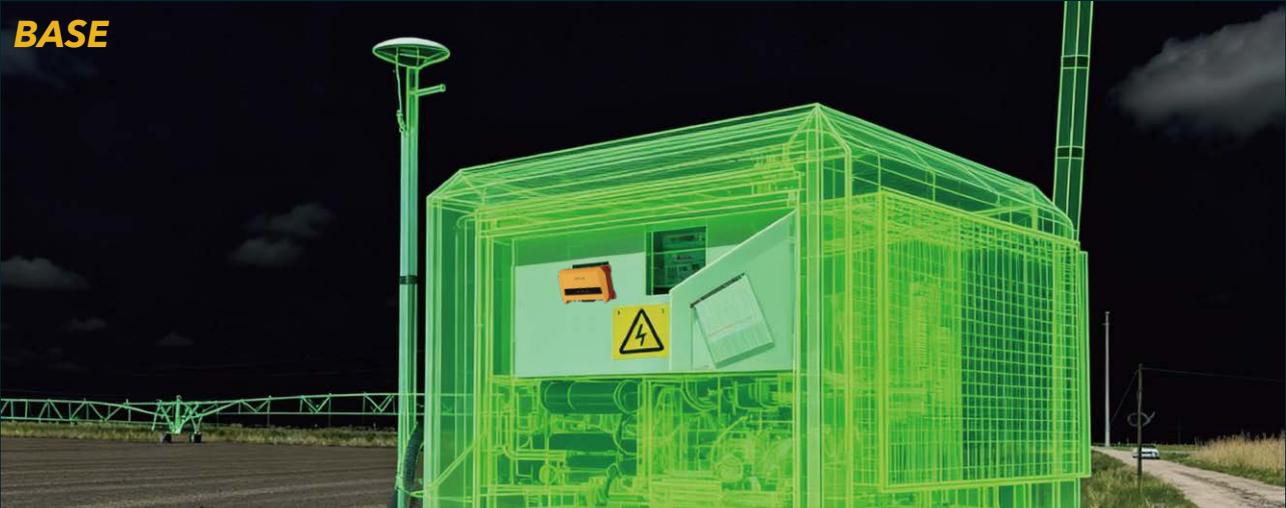
Flexible Base Station Deployment

Supports permanent farm bases, regional agricultural RTK networks, and temporary or seasonal setups to match different operational needs.

One Base, Multiple Machines

A single T700 base can serve multiple rovers at the same time—ideal for tractor fleets, contractors, and service teams.

BASE



Rover Mode

Smart, Connected device

Running on a Linux-based platform, T700 delivers intelligent control and long-term flexibility.

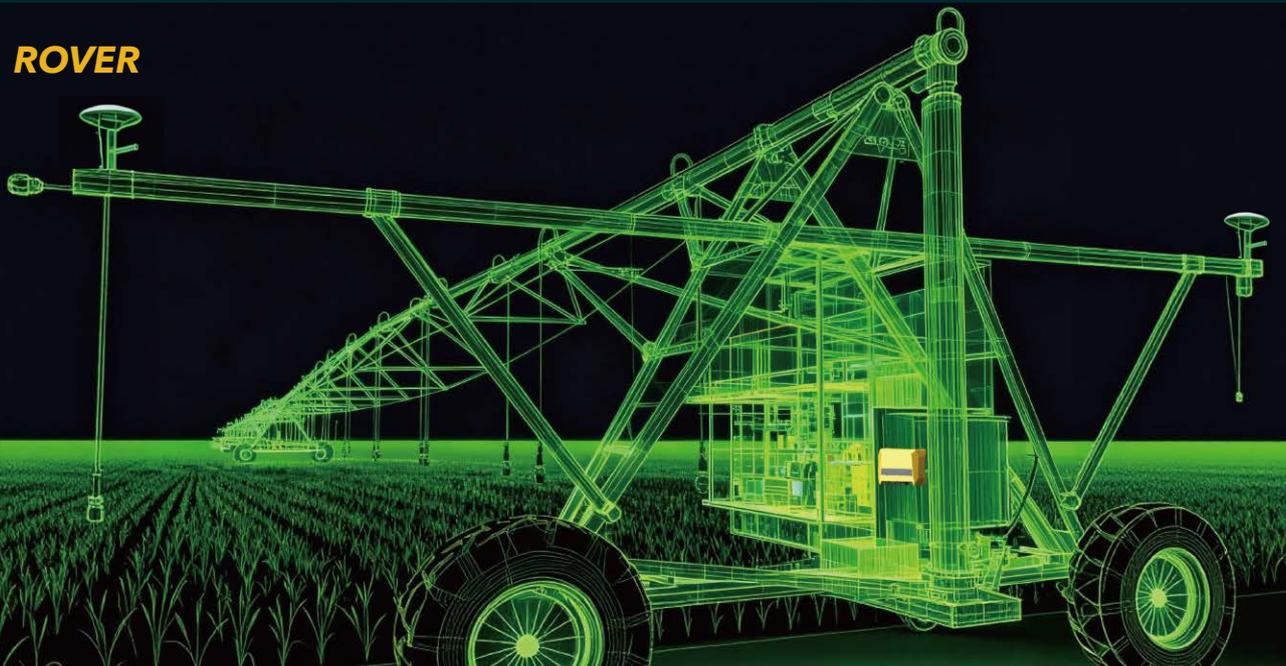
- Remote monitoring and configuration from anywhere
- Intuitive web-based interface for fast setup and management
- Multiple operating modes in one compact device

Built for Real Farming

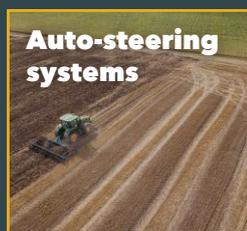
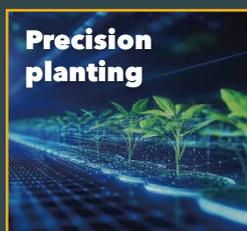
Engineered to handle the toughest agricultural environments, day in and day out.

- IP67-rated design for dust- and water-resistant performance
- Reliable operation from -40°C to $+75^{\circ}\text{C}$
- Proven resistance to vibration and shock in the field
- Ultra-low power consumption ($\leq 3.5\text{ W}$) for all-day operation

ROVER



Typical Applications



Specification

Dimensions / Weight

220 × 135 × 57 mm / ≤1.31kg

Operating Temp

-40°C ~ +75°C

Protection Level

IP67, Vibration & Shock Resistant

GNSS Bands

BDS: B1I/B2I/B3I/B1C/B2a/B2b;
GPS: L1/L2/L5; GLONASS: L1/L2;
GALILEO: E1/E5a/E5b/E6; QZSS: L1/L2/L5/L6

Frequency / Rate

MAX 10 Hz update

Connectivity

LTE-FDD/TDD, WCDMA, GSM, WiFi, 4x TNC, 1x LAN, 2x RS232

Power

9-36V, ≤3.5W, reverse polarity protected

Rugged Features

Salt spray 48h, vibration & shock resistant, full-network 4G

IMU Expandability

Integrates an optional IMU with GNSS for real-time attitude and positioning data.



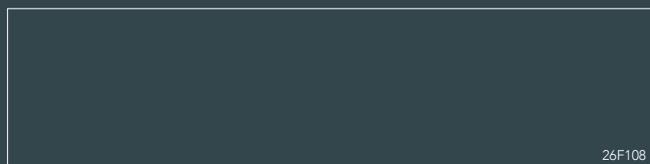
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