

■ WHY CHOOSE JUMPSTAR?

JUMP STAR CO., LIMITED (JUMPSTAR) IS A PIONEER COMPANY SPECIALIZING IN SATELLITE NAVIGATION AND POSITIONING TECHNOLOGY, AND PROVIDES SERVICES THROUGHOUT THE ENTIRE PRODUCT LIFE-CYCLE, FROM DESIGN AND DEVELOPMENT TO PRODUCTION, SALES, AND AFTER-SALES SUPPORT.

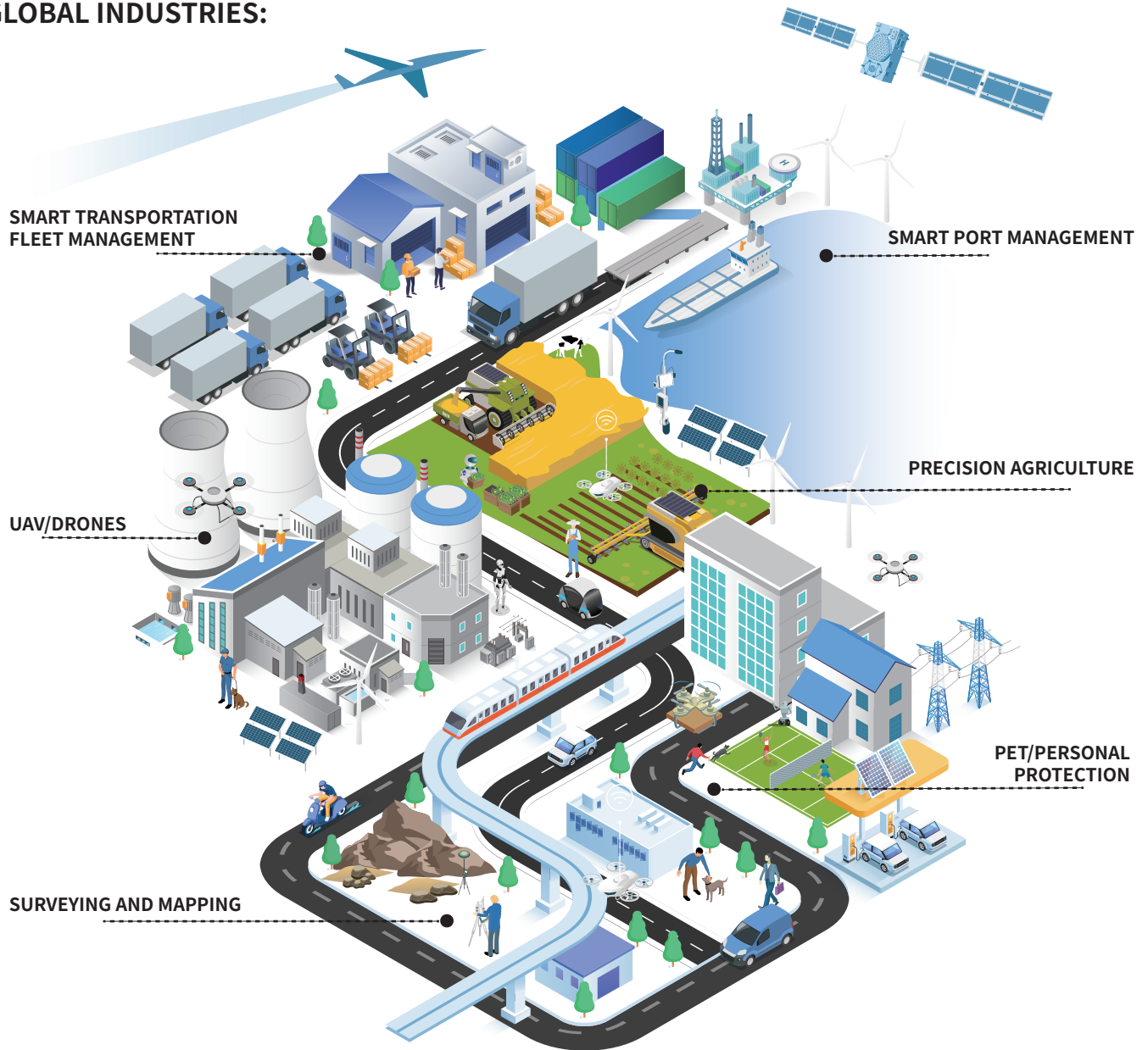
WWW.JUMPSTARGNSS.COM



Leverage our expert in-house R&D and dedicated manufacturing facility. From concept to mass production, we turn your GNSS & IoT ideas into reality.

POWERING INNOVATION ACROSS INDUSTRIES

OUR CUTTING-EDGE GNSS & IOT SOLUTIONS ARE ENGINEERED TO DRIVE
PROGRESS AND DELIVER A COMPETITIVE ADVANTAGE WITHIN THE FOLLOWING
GLOBAL INDUSTRIES:



SMART TRANSPORTATION FLEET MANAGEMENT

Powered by high-precision GNSS, we enable real-time monitoring and intelligent dispatch, providing critical data for safer and more efficient traffic management.

ROBOTICS

High Precision GNSS delivers centimeter-level precision, enabling robots to navigate autonomously, avoid obstacles, optimize paths, and perform tasks accurately without human intervention. Ideal for logistics, manufacturing, and healthcare applications.

PRECISION AGRICULTURE

GNSS is a core component of agriculture autonomous driving systems. It consists of a high-precision GNSS antenna and an agricultural vehicle positioning terminal, delivering real-time centimeter-level location data for precision agriculture.

PET/PERSONAL PROTECTION

Wearable GNSS trackers receive satellite signals to pinpoint location, then transmit real-time data via cellular networks to your device—ensuring secure and reliable tracking for peace of mind.

UAV/DRONES

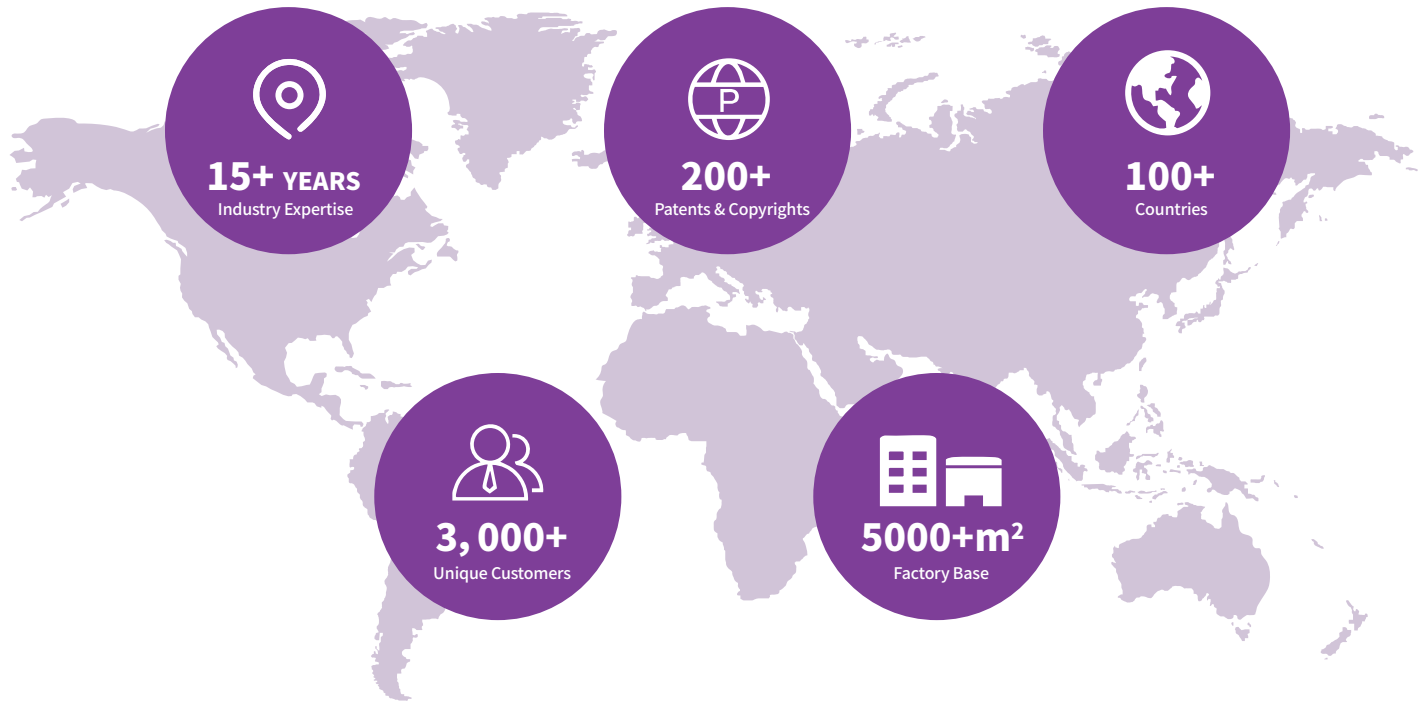
GNSS solutions are vital for drones, providing essential location data for precise navigation, autonomous flight, and safety in applications like surveying and precision agriculture.

SURVEYING AND MAPPING

GNSS provides high-precision positioning and measurement capabilities for a wide range of surveying and mapping applications. Its global, all-weather, and efficient operation replaces traditional methods, even in challenging environments.

AN INTERNATIONAL AND INNOVATIVE COMPANY

AFTER THREE-STAGE CONSTANT GROWTH,
JUMPSTAR GLOBAL FOOTPRINT NOW INCLUDES:



IMPRESSIVE PORTFOLIO OF PRODUCTS AND SERVICES

GNSS MODULE

STANDARD-PRECISION MODULE
HIGH-PRECISION MODULE



RTK BOARD

BOARD SERIES
P-BOX SERIES



GNSS ANTENNA

STANDARD VEHICLE ANTENNA
RTK HIGH-PRECISION ANTENNA
ANTI-INTERFERENCE ANTENNA
RTK SMART ANTENNA



VEHICLE MOUNT SERIES

A SERIES



PORTABLE & WEARABLE SERIES

P SERIES



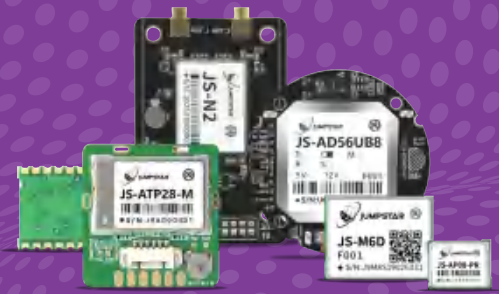
MULTI-FUNCTIONAL SERIES

X SERIES



GNSS MODULE

• SMD • GAM • GNSS BOARD • G-MOUSE



JS-AP10-H

Multi-constellation Positioning Module

- Multi-constellation & single-frequency
- 1.5m accuracy | 5Hz update rate
- 88 channels | Supports AGPS
- Size: 10.5×9.7×2.3mm



JS-RK26-3

RTK High-Precision Module

- ALL-constellation L1 + L5 frequency bands
- 1cm RTK accuracy | 20Hz update rate
- 200 channels | Support AGPS/SBAS
- Size: 16.2×12.2×2.3mm



JS-M6D

RTK Positioning Module

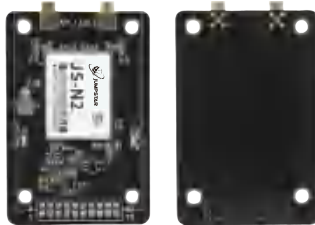
- Multi-constellation L1 + L2 frequency bands
- 2cm RTK accuracy | 10Hz update rate
- 156 channels
- Size: 22.0×17.0×2.4mm



JS-AO53-N2

All-frequency RTK Board

- All constellations & frequencies
- 0.8cm RTK accuracy | 20Hz update rate
- 1408 channels | Support A-GNSS
- Support dual antenna for heading
- 0.2°/1m baseline heading accuracy
- Size: 54.3×35.0×10.7mm



JS-AP08-PR

Mini Size GNSS Module

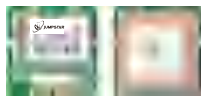
- Multi-constellation & single-frequency
- 2.5m accuracy | 5Hz update rate
- 88 channels
- Low power high performance
- Ultra compact design
- Size: 8.0×6.0×1.9mm



JS-ATP28-M

Integrated Antenna Module

- All-constellation L1 + L5 frequency bands
- 1m accuracy | 10Hz update rate
- 135 channels | Support AGPS
- Size: 28.0×28.0×12.6mm



JS-ATP36-M

Integrated Antenna Module

- All-constellation L1 + L5 frequency bands
- 1m accuracy | 10Hz update rate
- 135 channels | Support AGPS
- Size: 36.0×36.2×12.5mm



JS-A21UP-1

GNSS Module for Drones/UAVs

- Multi-constellation & single-frequency
- 1.5m accuracy | 10Hz update rate
- 88 channels | Support AGPS
- Built-in compass
- RF interference suppression
- Size: 20.0×21.0×7.9mm



JS-SK15

Anti-Jamming RTK Board

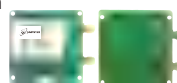
- All constellations & frequencies
- 0.6cm RTK accuracy | 100Hz update rate
- Support 0.15°/1m heading accuracy
- Anti-Jamming | anti-spoofing
- 448 Channels | TF Card Storage
- Size: 71.0×46.0×11.3mm



JS-BCK55-C

RTK GNSS/INS Navigation Board

- All-constellation & multi-frequency
- 0.8cm RTK accuracy | 20Hz update rate
- Dual antenna | 0.15°/1m heading accuracy
- Inbuilt IMU (50Hz)
- Size: 55.3×55.3×6.7mm



JS-UK43

Ultralight RTK GNSS Receiver

- Multi-constellation & L1+L2 frequency bands
- 2cm + 1ppm accuracy in RTK mode
- Up to 20Hz update rate
- Integrated IST8310 compass
- Size: 48(bottom Ø) x 43.2(top Ø) x 37mm(H)
- N.W.: <23.20g



GNSS ANTENNA

- VEHICLE ANTENNA
- SURVEY ANTENNA
- ANTI-JAMMING ANTENNA

- UAV ANTENNA
- SMART ANTENNA



JS-HAS67A-D5

High Precision Ceramic Antenna

- Bands: L1, L5
- Gain: $28\text{dB} \pm 3\text{dB}$
- Impedance: 50Ω
- RHCP polarization
- $\text{VSWR} \leq 2.0$
- SMA male connector
- Size: $67.0 \times 67.0 \times 21.5\text{mm}$
- N.W.: 130g



JS-HAC18A

High-Precision Helix Antenna

- Bands: L1, L2, L5
- Gain: $33\text{dB} \pm 2\text{dB}$
- Impedance: 50Ω
- RHCP polarization
- $\text{VSWR} \leq 2.0$
- SMA male connector
- Size: $\phi 18.0 \times 50.8\text{mm}$
- N.W.: 10.8g



JS-HAC26A

High Precision Helix Antenna

- Bands: L1, L2, L5
- Gain: $30 \pm 2\text{dB}$
- RHCP polarization
- Impedance: 50Ω
- $\text{VSWR} \leq 1.8$
- SMA male connector
- Size: $\phi 27.6 \times 58.8\text{mm}$
- N.W.: 17.4g



JS-HAC148A

High Precision Mushroom Antenna

- Full-band support: L1, L2, L5 | Gain: 40dB
- Stable phase center | IP67 rated
- $\text{VSWR} \leq 2.0$ | Impedance: 50Ω
- RHCP polarization
- Strong anti-jamming
- Size: $\phi 148 \times 60\text{mm}$
- N.W.: 266.2g



X11P

Multi-functional Smart Antenna

- Support PPP / RTK / PPP-RTK (global coverage)
- Accuracy: 1.2cm (RTK), 2cm (PPP)
- Initialization (Typical): 4s
- 4G, Bluetooth, Wi-Fi, Radio [TF card support]
- 5200mAh battery (8-10 hours)
- Base/rover modes
- Size: $\phi 122 \times 43.09\text{mm}$
- N.W.: 375g



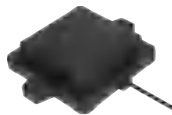
NEW

HOT SALE

X5

Smart Antenna

- All constellations & frequencies
- RTK accuracy: 0.8cm | 50Hz update rate
- Built-in IMU and compass
- Multi-interface: UART, RS232, CAN, IIC
- Anti-jamming algorithms
- Size: $105.4 \times 80.4 \times 23.48\text{mm}$

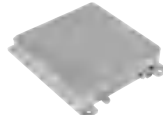


NEW

X18

Anti-jamming Antenna

- Four-element array
- supports GPS L1/BDS B1
- Accuracy: $\leq 4\text{m}$
- Update rate up to 20Hz
- Strong anti-interference:
 - single wideband $\geq 105\text{dB}$
 - triple wideband $\geq 95\text{dB}$
- Size: $100 \times 100 \times 22\text{mm}$
- N.W.: 260g



HOT SALE

X17

RTK Anti-jamming Smart Antenna

- Four-element array antenna
- All constellations and frequencies
- RTK accuracy: 0.6cm
- update rate up to 100Hz
- Superior anti-jamming & multi-path suppression
- Size: $\phi 166.4 \times 50.70\text{mm}$
- N.W.: 360g

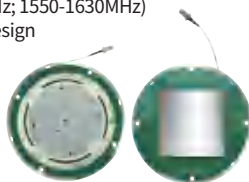


HOT SALE

JS-YAC130N

Integrated Navigation & Communication Survey Antenna

- Full bands for all constellations (1165-1268MHz; 1550-1630MHz)
- Integrated communication and navigation design
- Wireless communication:
 - 4G (824MHz-960MHz, 1710MHz-2690MHz)
 - Bluetooth (2.4G)
- Gain: GNSS $\geq 6\text{dB}$, 4G $\geq 0.5\text{dB}$, BT $\geq 0.5\text{dB}$
- Impedance: 50Ω | $\text{VSWR} \leq 2.0$
- Size: $\phi 130 \times 15\text{mm}$

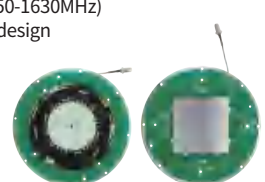


NEW

JS-YAC155N

Integrated Navigation & Communication Survey Antenna

- Full constellation L1/L2 (1165-1268MHz; 1550-1630MHz)
- Integrated communication and navigation design
- Wireless communication:
 - 4G (824MHz-960MHz, 1710MHz-2690MHz)
 - Bluetooth (2.4G)
- Gain: GNSS $\geq 6\text{dB}$, 4G $\geq 0.5\text{dB}$, BT $\geq 0.5\text{dB}$
- Impedance: 50Ω | $\text{VSWR} \leq 2.0$
- Size: $\phi 155 \times 16.3\text{mm}$



NEW

INTEGRATED SOLUTION

• A SERIES • P SERIES • X SERIES



A07

4G GNSS Tracker

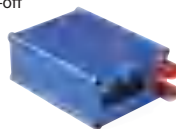
- Real-time positioning
- Fuel Control | Geo Fence
- Blind area data re-transmission
- Internal 350mAh backup battery
- Remote Control & ACC detection
- Mileage statistics
- Size: 80×43×22mm



A10

Vehicle Positioning Terminal

- High Positioning Accuracy
- Remote oil & electricity cut-off
- ACC Detection
- Multiple I/O and alarms
- Size: 64×48×24mm



A12

4G RTK+IMU GNSS Positioning Terminal

- 0.8 cm positioning accuracy + Heading
- Inertial Navigation Support
- Multi-Interface & TTS
- Geo-fence & multiple alarms
- Blind spot re-transmission
- Wide Voltage (9-36V)
- Size: 79.0×68.0×43.0mm



A12 Mini

4G RTK+IMU GNSS Terminal with Ethernet

- Vehicle RJ45 Ethernet Support
- 2 cm positioning accuracy
- Optional IMU | TF card storage
- Geo-fence & multiple alarms
- Blind spot re-transmission
- Wide Voltage (9-36V)
- Size: 86.0×55.0×22.0mm



A18

4G Solar Asset Tracker

- GPS+BDS+LBS triple positioning
- Solar powered GNSS tracker
- magnetic auxiliary charging design
- Built-in 20000 mAh battery
- IP68 waterproof
- SOS one-button alarm
- Size: 245×125×41mm



A19

4G wireless GNSS Tracker

- Multi-mode positioning
- Global communications
- Multiple alerts
- 5000mAh battery
- 3-year ultra-long standby
- Anti-disassembly design
- Size: 87.5×57.2×47mm



P2

4G/Bluetooth Handheld Terminal

- Compact and portable design
- Dual-frequency 2cm RTK accuracy
- Bluetooth / 4G + Bluetooth
- Type-C power charging interface
- Built-in 3000mAh battery
- Remote platform supervision
- Size: 130×55×38mm



P7

4G/5G Smart Badge

- Compact Wearable Design
- RTK + UWB + Bluetooth Integrated Positioning
- Built-in 2500mAh battery
- Smart sleep mode
- TTS voice broadcast
- Clock in / out for attendance
- SOS emergency alert
- Size: 127×67×12mm



H5

4G/5G Handheld Terminal

- Android 11 operating system
- Dual SIM | Dual-frequency RTK
- 8-Core CPU | 8GB+256GB storage
- 6.3-inch high-definition display
- 8000mAh battery
- 8MP front camera, 48MP rear camera
- IP68 dust and water-proof
- NFC / WiFi / BT support
- Size: 166.7×80.5×15mm



P9

4G Wearable Mini Locator

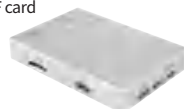
- Ultralight Wearable Design
- Support A-GPS fast positioning
- Two-way call + One-button SOS
- Electronic fence alarm+Fall alarm
- Historical track query
- Size: 45×45×15mm



X10

Anti-Jamming GNSS Receiver

- Multi-GNSS Multi-Frequency
- 0.6 cm RTK | 100 Hz Update
- Advanced Anti-Jamming Tech
- Dual-Antenna Heading | TF card
- Size: 74×50×12.6mm



AP55

High-Precision GNSS Receiver

- All constellations & frequencies
- 0.6 cm RTK Accuracy | 100 Hz Update Rate
- Dual-Antenna Heading, Error 0.2°
- Anti-Jamming & TF Storage
- Size: 71×59×12mm





X27 NEW

RTK High-Precision Smart Antenna

- All constellations & frequencies
- 0.6 cm RTK accuracy
- 20Hz Update rate
- Optional IMU
- TF card support
- Multiple connectivity: 4G, Bluetooth, Wi-Fi, radio
- RTK Rover and Base Dual Mode
- Anti-jamming, anti-spoofing, multi-path mitigation
- Size: $\phi 128.00 \times 60.55\text{mm}$



A05 HOT SALE

5G/4G In-Vehicle RTK +IMU Positioning Terminal

- Support Satellite and frequencies: L1+L2: GPS+BDS+GLONASS
- RTK centimeter-level positioning: 2cm RTK accuracy+10Hz update rate
- Support Inertial Navigation, Suitable for Multiple Scenarios
- Built-in 150 mAh standby battery
- Multiple alarm functions (Over-speed/Vibration/Temperature)
- Remote Terminal Configuration Settings
- Acquisition of vehicle information and status
- Support multiple external Sensor Connections (Temperature / Forward & Reverse Rotation / Fuel and Power Cutoff etc.)
- Size: $104 \times 85 \times 25\text{mm}$
- N.W.: 80g



X43 NEW

Compact PPP/RTK Receiver

- Ultra-Small Size
- Dual antenna for heading
- 0.6 cm RTK accuracy
- 20 Hz Update rate
- Anti-jamming & anti-spoofing
- Multi-path suppression
- TF card local storage
- PX4 / Ardupilot Support
- Support PPP-RTK / IMU
- Size: $43.8 \times 34 \times 11.5\text{mm}$
- N.W.: 25g

