

SINGULARCASTER

NTRIP CASTER/CORS PLATFORM

Smart management of your CORS network



STANDARD RTK CORRECTIONS

Designed for global users, SingularCaster supports industry standard RTK correction data formats – RTCM 3.X, RTCM 2.X, etc., which can serve mainstream GNSS rover models in the market. In addition to SingularXYZ CORS stations, the SingularCaster can be integrated with your existing reference stations seamlessly.

SMART MANAGEMENT

SingularCaster simplifies the management process for CORS owners, offering features such as base station management, online rover management, user subscription management and system logs. Real-time monitoring of station and user status, along with efficient license management for each user account, ensures a streamlined experience.

EASY TO GET STARTED

For CORS owners, SingularCaster offers a user-friendly interface and free license for managing up to 3 reference stations, making it easy to get started at minimal cost. For RTK correction service subscribers, SingularCaster supports GPS, BDS, GLONASS, Galileo, and QZSS, delivering stable and reliable correction data for their tasks.

HARDWARE REQUIREMENTS

Operation System	Windows 10 or higher
OS type	64-bit and above
CPU	≥ Dual core 1.7 GHz
RAM	≥ 6 GB
ROM	≥ 40 GB

SUPPORTED CONSTELLATION

GPS	L1 C/A, L1C, L2P, L2C, L5
BDS	B1I, B2I, B3I, B1C, B2a, B2b
GLONASS	L1, L2, L3
Galileo	E1, E5a, E5b, E6
QZSS	L1, L2, L5

FUNCTIONS

Base station management	<ul style="list-style-type: none">- 3 base station for free- Unlimited base stations under license permission
Online rover management	Unlimited online rovers depending on the platform's hardware specifications.
User account management	<ul style="list-style-type: none">- Unlimited user accounts depending on the platform's hardware specifications.- User license supports usage period limit, total usage time limit and regional limit.

COMMUNICATION

RTK correction data	<ul style="list-style-type: none">- RTCM 2.x- RTCM 3.x- CMR- CMR+
RTD correction data	RTCM 2.x
Network protocols	<ul style="list-style-type: none">- NTRIP Client- NTRIP Server

SUPPORTED LANGUAGES

Chinese (Simplified)
English

All specifications are subject to change without notice.

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