

N72 DEALERS' FAQ



1. What is N72?

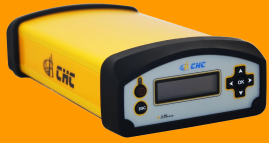
N72 is the new generation GNSS sensor which is high-end GNSS device designed for various applications and industries such as geodetic surveying, deformation/displacement monitoring, and machine control, etc.

LCD enables direct configurations just simply by quick button operations on the receiver without PC, data cable nor software. There are also other exciting features that are important for practical use.

Easy to use, compact and rugged, designed for top level, the N72 sensor makes field work efficient and comfortable.

2. What are the key features of N72?

- ✓ Integrated battery which can work for 15+ hours without external power supply
- ✓ 32GB internal storage space to store more data.
- ✓ 8 threads of data logging with circulating storage and FTP push functions
- ✓ Remote update as well as remote configuration
- ✓ Various connection methods via Wi-Fi, Bluetooth and LAN
- ✓ HTTP, TCP/IP, UDP, FTP, NTRIP Caster, NTRIP Server, NTRIP Client support.
- ✓ Correction formats: CMR, CMR+, SCMRx, RTCM 2.3, RTCM 3.0, RTCM 3.1, RTCM 3.2, RTD.
- ✓ Observables: RT17, RT27, BINEX, RTCM 3.x.
- ✓ Position/Status I/O: NMEA-0183 V2.30.
- ✓ RTK performances:
 - Horizontal: 8 mm +1 ppm RMS
 - Vertical: 15 mm + 1 ppm
- ✓ Post Processing Static performance:
 - Horizontal: 8mm+1ppm RMS
 - Vertical: 15mm+1ppm
- ✓ Communications
 - 1 x Lan port
 - 3 x RS232 ports
 - 1 x GNSS antenna port
 - 1 x USB port
 - Wi-Fi: 802.11b/g/n, access point mode



3. Which market segments are addressed by N72?

The N72 is a multi-purpose high-end GNSS sensor, which can meet various market requirements such as land and marine surveying, continuously operating reference stations, on-board machine control and disaster monitoring.

4. Which software is available with N72?

- Directly setting with your internet browser, which Google Chrome or IE10 is recommended.
- Work with CRNet to provide professional CORS solution.
 - Unlimited station holding capacity based on distributed structure
 - Unlimited user devices processing capacity
 - Various communication protocols
 - Real-time QC and user status monitoring

5. Can I connect to the N72 remotely in my office?

Yes, users can remotely control N72 in the office via the internet. The built-in Ethernet port provides access to the web interface of N72 via internet in any place.

6. Which GNSS antenna can I use for N72?

The N72 is compatible with following antenna models:

- A220GR GNSS Geodetic Antenna
- C220GR GNSS Choke Ring Antenna
- 3rd party GNSS antenna with following specifications:
 - Output voltage: 5.0 V DC nominal
 - Maximum output current: 150 mA
 - Greater than 39 dB at the N72 TNC port

7. How can I download the data?

- Directly download with the USB cable
- Download from N72 web-page
- Download from FTP client.

8. What's new in N72?

Item	N71	N72
Internal Memory	64 MB	32 GB
Power supply	External power supply only	Internal battery + External power supply
LCD display	No	Yes
Web page interface	Yes	Yes
Wi-Fi hot spot	No	Yes
Data remote downloading	No	Yes
FTP push	No	Yes
Multiple Thread data storage	No	Eight threads to record data at the same time

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• 10m GPS Antenna Cable (TNC/TNC)

10m GPS
Antenna Cable



5m GPS
Antenna Cable



2m Ethernet
Cable



UHF Whip
Antenna



Soft Case



External Power
Cable



10. **When can I purchase the N72 receiver?**

The N72 GNSS sensor is available as of April 20th 2016 for order and shipment. You can contact CHC sales representative with your region for quotation.