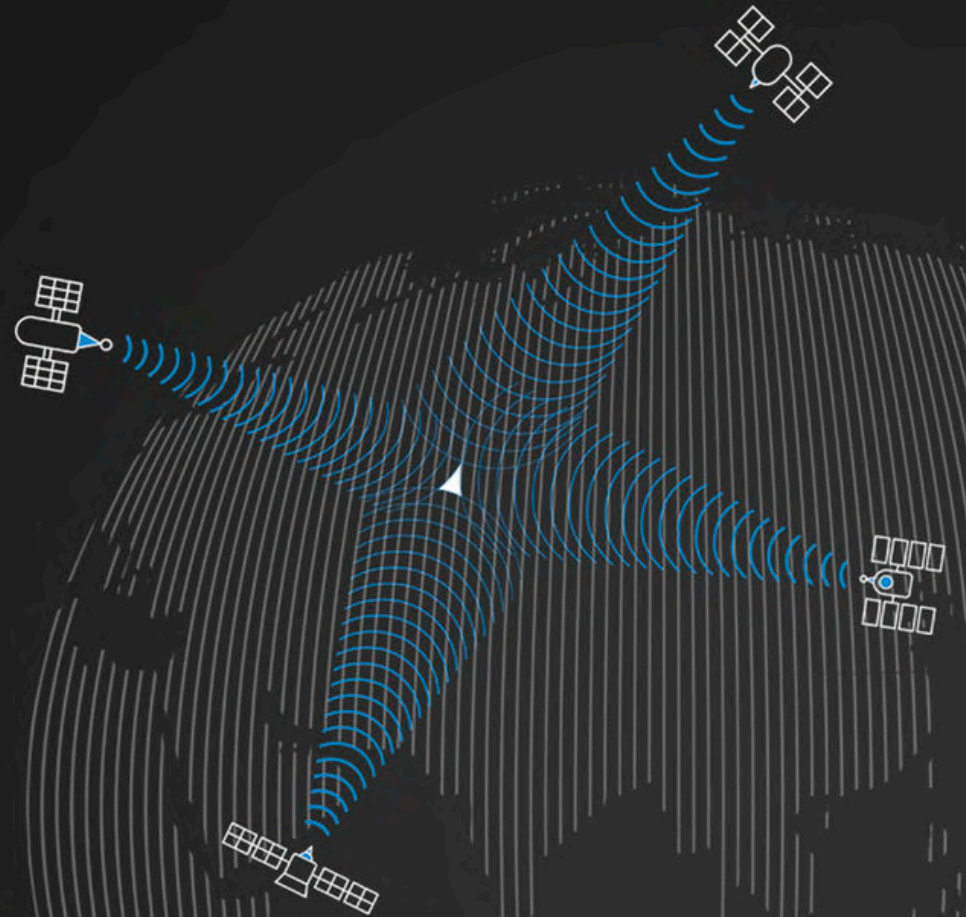


4GNSS

by Orient Systems LLC

GPS/GLONASS navigation

2cm level accuracy
for **mining machine**





Orient Systems Group

One of the main Russian manufacturer and supplier of high precision satellite navigation systems (RTK GNSS)

- Was founded in 2014
- Resident of Innovation Center in Skolkovo (Russian Silicone Valley)
- Confident and professional team with certificated Geodesy Engineers
- One of the main supplier of GNSS receivers for automations drill machine systems in Russia and others CIS countries
- Experience in international exhibitions





***INCREASE YOUR REVENUE FROM MINING MACHINE
AUTOMATION SYSTEMS THANKS TO OUR GNSS-RECEIVER***

4C FOR OUR RECEIVERS



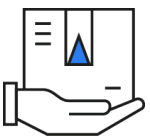
Capable technologies & Design

- Inertial GNSS
- Web-Survey
- RTK&GO
- Steady Stream
- Strong Event



Customization & Flexibility

Depending on your needs, the receiver can be equipped with GSM or UHF modem, Beacon or INS. Also we could make some customization for you like another connectors or put your logo (**white label**)



Compatibility

Support RTCM V2.x, v3.x, CMR and CMR+. It will fit most RTK receivers. The results of the messages in **NMEA** format



Cost-effective

We offer **the best price** for professional GNSS receivers

OS-203

DUAL-ANTENNA GNSS RECEIVER

with external IMU*



WEB-SURVEY

Use the browser for full control, management, and survey by the receiver through the WebUI



STEADY STREAM

Maximum stable flow of correction reception, using UHF and 2SIM GSM connections



POINT-TO-POINT

Using two navigation modules instead of one dual-antenna allows you to get an RTK solution on each Board separately, thus achieving a more reliable and stable fixed positioning and heading



- 574 channels
- GPS L1 / L2 / L5, GLONASS L1 / L2,
- BeiDou B1 / B2 / B3, GALILEO E1/E5a/E5b
- Built-in 2SIM GSM/UHF*
- Memory 32 GB*
- IP67
- Ethernet +Wi-Fi
- CAN interface*

*optional

More info:

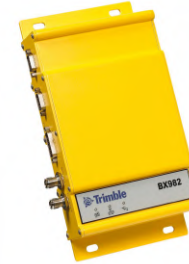


Competitive analysis

4GNSS
4GNSS OS-203



Trimble
Trimble BX982



Channels

574

220

GNSS support

Master (positioning) board: GPS L1/L2/L5, GLONASS L1/L2, BeiDou B1, B2, B3, Galileo E1/E5a/E5b

Slave (heading) board: GPS L1/L2/L5, GLONASS L1/L2, BeiDou B1, B2, B3, Galileo E1/E5a/E5b

Master (positioning) board: GPS L1/L2/L5, GLONASS L1/L2/L3, BeiDou B1, B2, Galileo E1/E5a/E5b

Slave (heading) board: GPS L1/L2, GLONASS L1/L2, BeiDou B1

Integrate UHF/GSM

2Sim GSM or/and UHF modem

-

Interface

RS-232, CAN, Ethernet, USB, Wi-Fi

RS-232, CAN, Ethernet, USB

Accuracy

8mm+1ppm Horizontal
15mm+1ppm Vertical
0,2° (1m baseline)

8mm+1ppm Horizontal
15mm+1ppm Vertical
0,2° (1m baseline)

IP Rating

IP67

IP67

GNSS Antenna

Include - 2pcs

Exclude

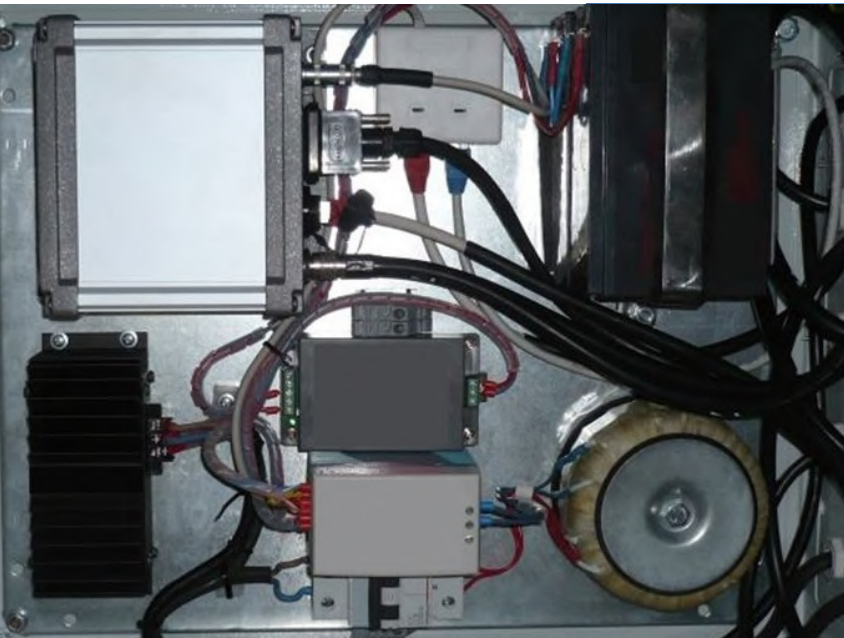
Price

6 990 \$

12 270 \$

GNSS for Drill Machine

- 15+ mines used our GNSS receivers in Russia
- Our OS-203 receiver has been operating for five years in Mirny Mine (Yakutia)



The equipment is installed on the drilling rig of the company "ALROSA" (Russia)

GNSS for Drill Machine

- 30 pcs OS-203 were installed on drilling rigs in India
- Our company one of the main supplier of GNSS receivers for automations drill machine systems in CIS countries



The equipment is installed on the drilling rig of the Kumtor Gold Company (Kyrgyzstan)



Since 2015 and to this day, we have been actively cooperating with Russian market leaders in the development and production of automation systems for mining equipment, as well as directly with users of these technologies

DEVELOPERS



USERS





by Orient Systems LLC

CERTIFICATES

We have the certificate of measuring instrument in Russia for all our GNSS-receivers

Now we making certification of our receivers in India

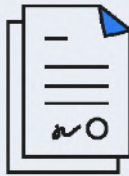
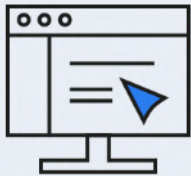




by Orient Systems LLC

GET FREE TEST-DRIVE TODAY

Make sure from your own experience that the receiver is suitable for your tasks



Leave a request

Sign the test-drive contract

Test

Make decision



CONTACTS



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8 (903) 208-99-89



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4GNSS.com; Orsyst.ru



Email:

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Sales department: sale@orsyst.ru

Technical support: support@orsyst.ru



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