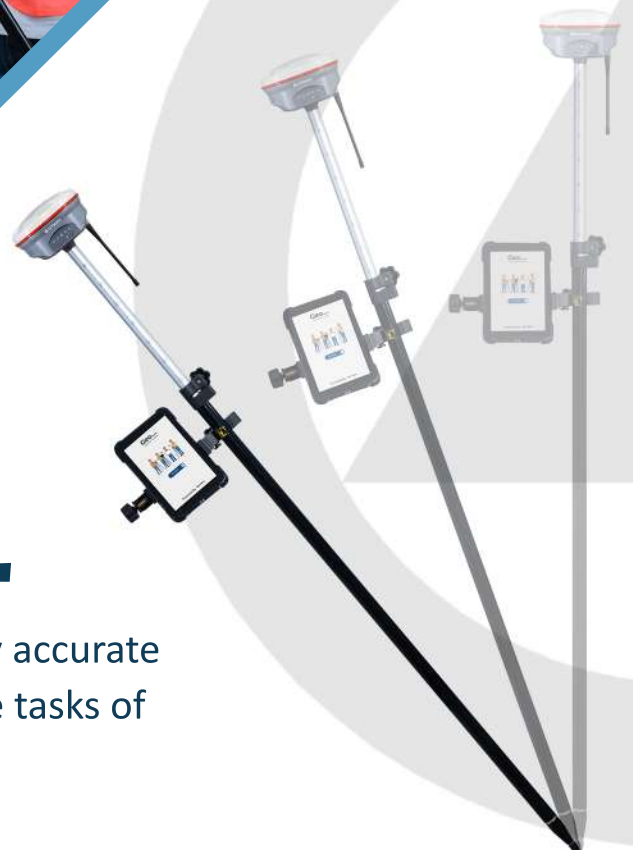




2023

FUTURE OF GEOSPATIAL

Apogee's indigenous technology provides highly accurate and reliable spatial data that is transforming the tasks of surveying, mapping, 3D modeling, and more.



COMPANY PROFILE

Four years ago, APOGEE GNSS PVT.LTD. [AGPL] took up the challenge of developing India's first survey-grade GNSS receiver. In 2022 AGPL became a pioneer in manufacturing India's first GNSS rover aptly named the 'Navik Series '. Our products are being used by various customers in India and abroad. More than 1000 of our rovers are in use. Our team of more than seventy-five persons includes highly skilled software, firmware, and hardware professionals. AGPL is headquartered in Noida with manufacturing setups at Noida, Hapur, Roorkee, and Gujarat. AGPL is committed to developing the latest technology products serving industries like surveying, construction, GIS, railways, and agriculture.

APOGEE GNSS PVT. LTD.
(AGPL)



APOGEE GNSS PVT. LTD.

NAVIK 50

Specifications

No. of channels tracking.....184
IP Rating.....IP67
Size..... 143.95*65.00
Weight (Without Battery Pole).....545 g
Weight (With Battery Pole).....820 g
Power Source.....12 V External Battery Source
Max. update Rate.....7 Hz
Protocols.....RTCM 3.X, NMEA
WirelessWi-Fi, BLE, Radio, NTRIP
Wired.....RS – 232, USB



NAVIK 200

Specifications

No. of channels tracking.....700 +
IP RatingIP67
Size ϕ 156x106
Weight1.2 kg (Approx)
Max. update Rate20 Hz
Protocols.....RTCM 3.X, Rinex 3.x, NMEA v3.0, CMR
WirelessWi-Fi, BLE, Radio, 4G, NTRIP
WiredRS – 232, USB
Tilt.....60° with 2 cm accuracy

NAVIK 300

Specifications

No. of channels tracking.....336
IP RatingIP67
Size..... ϕ 156x106
Weight1.3 kg (approx)
Protocols.....RTCM 3.X, Rinex 3.x,
NMEA v3.0, CMR
Wireless.....Wi-Fi, BLE, Radio, 4G, NTRIP
Wired.....RS – 232, USB
Humidity.....93%



RADIO

Specifications

Frequency.....866MHz
Power Supply.....12 DC
Transmit Power.....1 W
Battery.....7.4V, Li-ion 4800 mAh
Dimension.....Φ120×85mm
Weight.....850 gm
Water and dustproof.....IP67
Charging Time6-8 h @ 25-30



UAV

Specifications

Number of channels.....184
Dimensions.....56.4*45.3*14.6 mm
Weight.....58 gm
Internal Storage.....16 GB
Data Update Rate.....1 to 10 Hz
Storage.....USB Mass storage In built sd card

CORS

Specifications

No. of channels tracking574
Recommended AntennaGN 100
Size (LxWxH).....204 mm x 156.3 mm x 87 mm
Weight.....1.586 kg
Maximum data Logging Rate.....20 Hz
Power Consumption.....15 W
External Power Input.....12V DC
(max. upto 18V)
Integrated Internal Battery.....7.4V/ 6800
mAh Li-ion



APOGEE GNSS PVT. LTD.

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