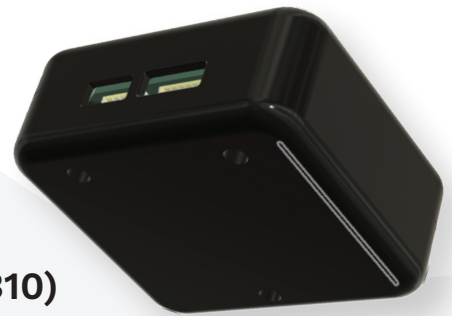




axl Orbit

- Enhanced 1.5m Accuracy and Reliability
- Maximum 32 Satellite Connectivity
- Highly Accurate Integrated Compass (IST8310)
- Multi-Constellation GNSS
- Accurate Orientation & Navigation
- Optimal Design and Efficiency
- Versatile Connectors & Firmware Compatibility
- Rechargeable backup battery for faster GPS lock





Specifications



Item Type

GPS



No of Concurrent GNSS

Up to 4 GNSS – BeiDou – Galileo
– GLONASS – GPS



Frequency Band

– GPS L1 – Galileo E1 – GLONASS L1
– BeiDou B1



Nav. update rate(Hz)

Upto 5 Hz (4 concurrent GNSS)



GNSS Augmentation System

EGNOS, GAGAN, MSAS and WAAS



Input Voltage (V)

4.7-5.2V



Power Consumption (mA)

Less than 200mA @ 5V



Operating Temperature (°C)

-40°~80°C



Dimensions (L x W x H) mm

– Ø47.36x10.05mm (w/o Case)
– Ø52.4x17.8mm (With Case)



Weight (g)

– 13g (w/o Case) - 26g (With Case)



axldrone, a leader in industrial drone solutions, delivers purpose-built drones, advanced avionics, and ground control software, backed by over a decade of global R&D and project expertise.

Kakkanad, Ernakulam,
Kerala, India - 682037

+91 484 299 3399

+91 869 741 9820

info@axldrone.com

C5 UL Cyber Park, Special
Economic Zone,
Calicut, Kerala, India - 673016

+91 894 344 8144

info@axldrone.com

1441 Broadway,
#5, New York, NY 10018

(646) 260-6311

info@axldrone.com