



Data Sheet

IOX AX4 Asset Tracker

Important Note: For best results, please wait to power on your device after you have registered an account with ioX-Connect and added your devices to the online system.



COLLECT. ANALYZE. ACT



Integrating traditional asset management practices with advanced digital technologies to enhance efficiency and boost your bottom line.

www.iox-connect.com

IOX-AX4 Asset Tracker: Compact, Cost-Effective, and Powerful

Versatile Tracking for Indoor and Outdoor Assets

Discover the IOX-AX4, an ultra-compact asset tracking solution designed for effortless integration with your operational environment, both indoors and outdoors. This low-cost device is engineered for easy deployment and is tightly integrated with the advanced ioX-Connect platform for seamless device and configuration management.

Advanced Technology for Reliable Monitoring

The AX4 is not just small in size but big on features. It utilizes LTE-M cellular connectivity along with cellular and Wi-Fi triangulation to offer precise location services. A built-in 3-axis accelerometer monitors movement, ensuring that you have all the necessary data to protect and manage your assets effectively.

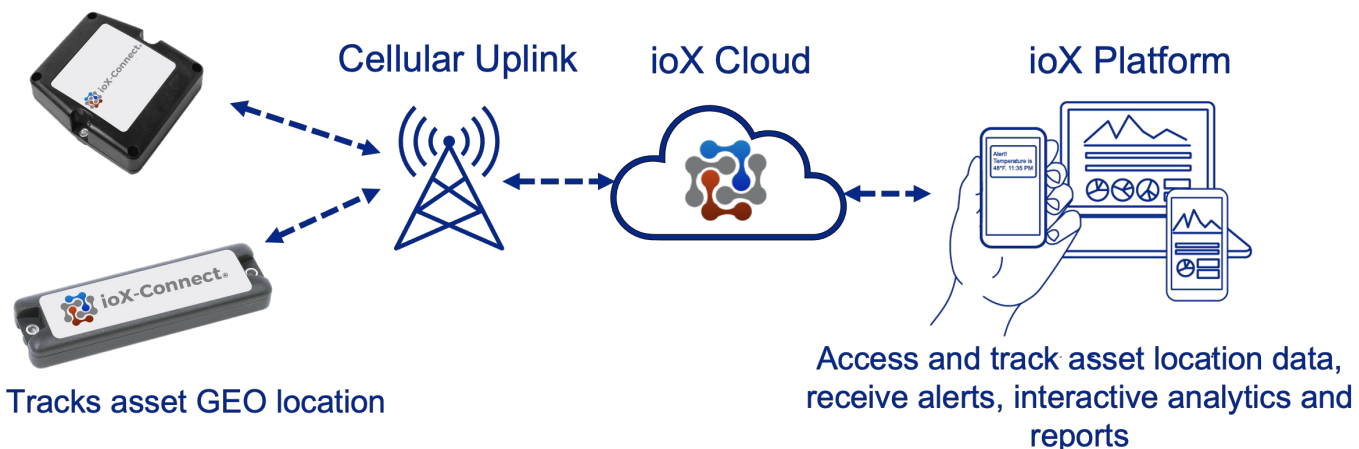
Tailored to Your Needs

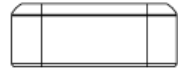
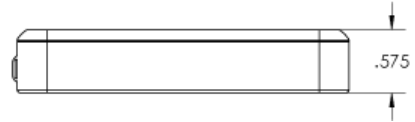
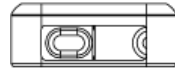
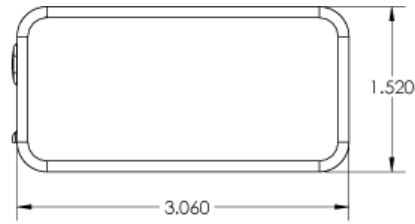
Highly configurable and scalable, the AX4 can be quickly customized to meet various use cases. The ioX-Connect platform provides intuitive tools to configure your device according to your specific requirements, ensuring seamless integration with your existing asset tracking systems.

Durable and Global Ready

Designed for durability, the AX4 is equipped with a rechargeable lithium-ion battery and boasts dust and water resistance, making it suitable for challenging environments. Like all ioX tracking devices, the AX4 supports multiple frequency bands and is globally capable, ensuring reliable operation wherever your assets go.

How it works





IOX-AX4 Asset Tracker Technical Specifications	
TARGET REGION	Global
CELLULAR TECHNOLOGY	
LTE Category	LTE-M, NB-IoT
LTE Frequency Bands	LTE FDD: B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B26, B28 LTE TDD: B39 (Cat M1/LTE-M Only)
2G Frequency Band	GSM850, GSM900, DCS1800, PCS1900
HARDWARE	
Dimensions	3.1" x 1.5" x 0.56" (75.5 x 34.5 x 13mm)
Weight	1.5 oz
Enclosure Rating	IP66
Operating Temperature	-20 to +60C (-4°F to 140°F)
LOCATION SERVICES	
Cellular	Cell Tower Triangulation, 1,000-50,000m
GPS	Satellite Triangulation, 5m-100m
Wi-Fi	Wi-Fi Access Point Triangulation, 10-250m
ADDITIONAL SENSORS	Pressure & Accelerometer

Commercial Grade Sensors:

ioX-Connect commercial grade sensors are designed for applications in ordinary environments (normal room temperature, humidity and atmospheric pressure). Do not use these sensors under the following conditions as these factors can deteriorate the product characteristics and cause failures and burn-out. (Corrosive gas or deoxidizing gas - chlorine gas, hydrogen sulfide gas, ammonia gas, sulfuric acid gas, nitric oxides gas, etc.). Volatile or flammable gas. Dusty conditions. Under low or high pressure. Wet or excessively humid locations. Places with salt water, oils chemical liquids or organic solvents. Where there are excessively strong vibrations. Other places where similar hazardous conditions exist.)

Use these products within the specified temperature range. Higher temperature may cause deterioration of the characteristics or the material quality.

Industrial Grade Sensors - Type 1, 2, 4, 4X, 12 and 13 NEMA Rated Enclosure:

ioX's Industrial sensors are enclosed in reliable, weatherproof NEMA rated enclosures. The NEMA rated enclosures are constructed for both indoor or outdoor use and protect the sensor circuitry against the ingress of solid foreign objects like dust as well as the damaging effects of water (rain, sleet, snow, splashing water, and hose directed water).

- Safe from falling dirt.
- Protects against wind blown dust.
- Protects against rain, sleet, snow, splashing water, and hose directed water
- Increased level of corrosion resistance
- Will remain undamaged by ice formation on the enclosure

For more information about our products or to place an order, please contact our sales department at sales@iox-connect.com



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