



Data Sheet

IOX AX5 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-AX5 Asset Tracker: Durability Meets Industry-Leading Performance

Unmatched Reliability for Comprehensive Asset Management

Experience the power of the IOX-AX5, a cornerstone of the ioX-Connect Asset Tracking Solutions. This system is designed for edge-to-enterprise implementation, enabling you to quickly track, protect, and optimize your assets with ease. Each solution is deployment-ready, integrating advanced asset tracking devices, robust network connectivity, and intuitive software—all tailored to meet your specific use cases.

Advanced Monitoring with Rugged Design

The IOX-AX5 is a highly versatile and rugged asset-tracking device that utilizes cellular, GPS, and Wi-Fi connections to ensure solid reliability in monitoring both location and motion. Equipped with environmental sensors, the AX5 excels in delivering detailed insights into the conditions surrounding your assets.

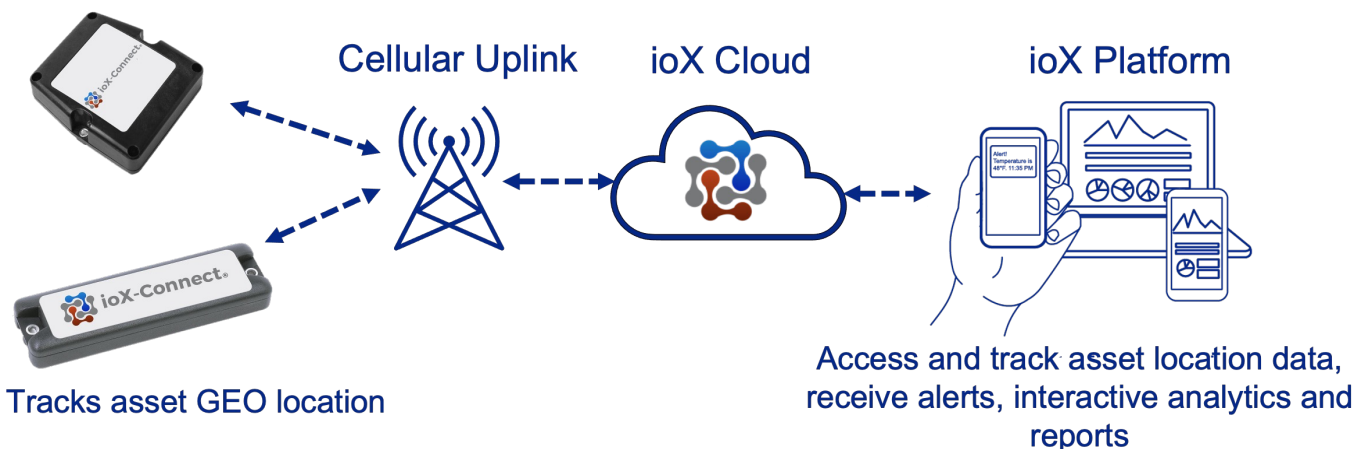
Built to Last, Anywhere and Everywhere

Designed to withstand the toughest conditions, the AX5 boasts an IP-67 rating for exceptional water and dust resistance, making it suitable for both indoor and outdoor environments. Its superior power management system ensures industry-leading battery life, minimizing downtime and extending service intervals.

Global Capability with Local Precision

Like all ioX tracking devices, the AX5 supports multiple frequency bands and offers global capability, ensuring reliable asset tracking across geographical boundaries without compromising precision.

How it works





IOX-AX5 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	3.85" x 3.4" x 1" (97.79 x 86.36 x 25.4mm)
Weight	8 oz
Enclosure Rating	IP67
Operating Temperature	-30 to +60C (-22°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	Motion, Movement, Position, Tilt

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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