

Bluetooth

Bluetooth 4.2
Bluetooth Data Logger

Main chip

Nordic nRF52832

IPX4 Rugged

AOV

**Ultra-
small size**

BT node

Work with GAV series

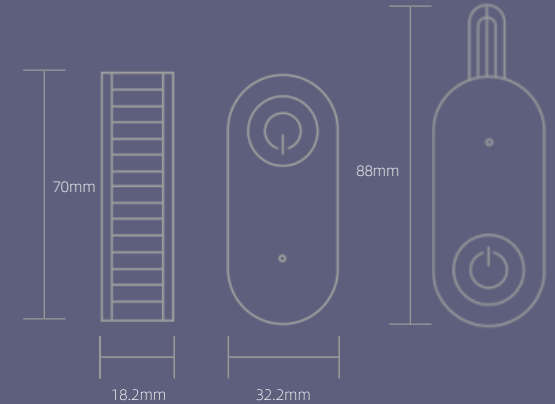
Mounting Options

3M adhesive



Temperature Accuracy
±0.5°C -20°C to 60°C

7x24 real-time monitoring



2022 PRODUCT SPEC

“ THE DATA THROUGH THE WHOLE SHIPMENT IS CRUCIAL , SO WHAT WE NEED IS NOT ONLY TRACKER , BUT ALL DATA . ”

Aovx GAVE series tracker devices are ideally for field assets , returnable containers with rugged IP68 enclosure and long battery life up to 7 years .Magnet install free for labor cost saving .

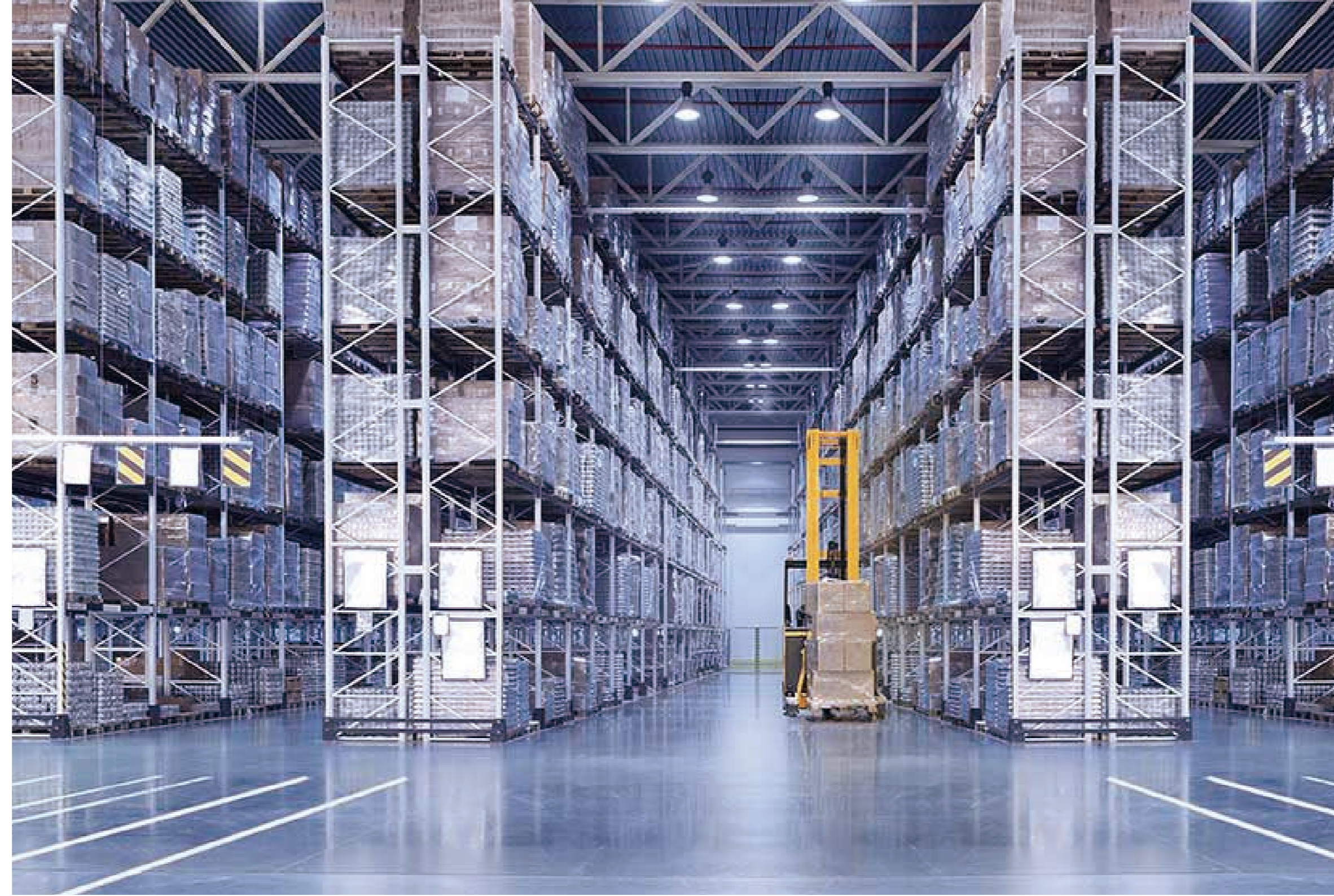
Integrates global connectivity by cellular network 2G,4G Cat.1 , NB-IoT and Cat.M1 without data plan contract .

Aovx A series tracker devices have integrated multiple sensors for monitoring of movement , vibration , tampering , delay , overspeed and geofence .

Indoor and outdoor positioning supported by WIFI ,LBS and GPS ,GLONASS ,GALILEO and BEIDOU . Short range wireless BLE [Bluetooth Low Energy] is flexible for easy configuration, pair with external BLE sensors or accessories , which makes A series tracker device working as BLE gateway .

Aovx data is always crucial for assets management , which has been encrypted , data buffer capacity and uploaded via TCP/MQTT protocols ,make it easy to deploy in the cloud platform. Firmware over the air OTA is always important for after sale maintenance.

Aovx insight platform view location and condition data of your shipments in real time to ensure on time and in full delivery, specify the constraints relevant to your shipments and receive notifications when issues arise and create detailed reports to share with customers and analyze your data to identify improvement opportunities.



“AOVX VISION IS TO HAVE SHIPMENT FULLY TRANSPARENT , WHERE THE ASSETS ARE ALL IN SAFE AND UNDER CONTROL ”

" People in the world are connected by mobile phone in the daily life , they share the location , emotion in the internet . At the age of IoT , we are thinking about if it is possible to have a basic functional mobile phone for these assets , which make them connected and have their data managed , it would make shipment smarter and make assets safer .That's the reason why Aovx is here . Aovx team members are from Quectel ,Quealink ,Hikvision and Sony . Strong knowledge of cellular modules ,worldwide network and regulatory in tracker field .

Aovx assets tracker solutions corp. is committed to protecting the assets in warehouse and in-Transit process , rather than location service , assets condition is also under monitored - vibration status , temperature alert embedded with multiple sensors and wireless technology , 4G LTE , NB-IOT and Cat.M1 , WIFI and BLE .

Supported by "service consciousness, customer experience, executive action " business philosophy, continue to provide customers with stable and reliable product and technology sales services, grow together with customers success."

RICKY GUO

CEO

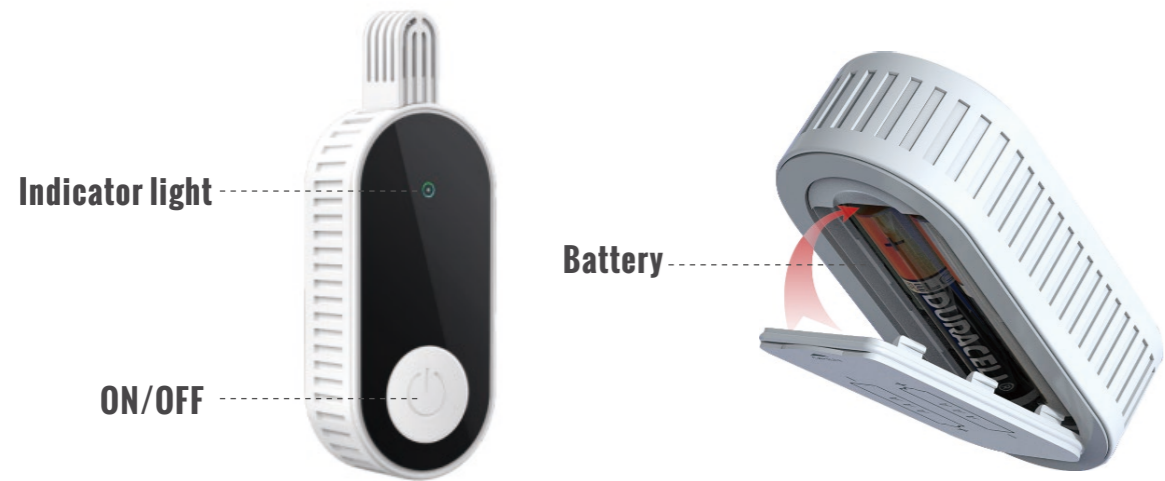
Aovx assets tracker solutions corp.



LinkedIn

Scan QR code

OVERVIEW



Environment TRACKING E SERIES

General Features

Main Chip	Nordic nRF52832
Bluetooth	Bluetooth 4.2
Range	Up to 120 meters (in the open area and no obstacles)
Dimension	88mm x 32.2mm x 18.2mm EB100 70mm x 32.2mm x 18.2mm EB110
Weight	35.1g EB100(with battery) 32.2g EB110(with battery)
Material	ABS+PC & PMMA
Waterproof	IPX4
Color	White and Black
Installation	Sticker
Button	Mechanical button
Sensor	Temperature and humidity sensor
Operating temperature	-20°C / + 60°C
Storage temperature	-20°C / + 70°C (without battery) -20°C / + 40°C (with battery)
Humidity	0% ~ 95% (non-condensing)
LED	1 Green Led and 1 Red LED

Power

Power supply	Replaceable 2 x 1.5V 1200mAh lithium and iron disulfide battery
Average current	41.6uA (Default settings*)
Lifetime	2.5 years (Default settings*)

Functions

Advertising format	Apple iBeacon Google Eddystone (UID, URL, TLM)
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Multi-advertising	Support up to 6 active slots
Sensor sampling	Broadcast or notify the temperature and humidity sensor data in real time
Threshold trigger	When the temperature of humidity is higher of lower than the preset safe value, the advertising status and data will change
Sensor data storage	Store the T&H data according to the storage rules (time interval, fluctuation range of temperature or humidity)



Aim of Valuables

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