

Global connectivity
**Global 4G Cat.1
With 2G Fallback**

Install Free

Extended Sensors :
**Pair With External BLE
Sensors & External
temperature sensor**

Temperature
Accuracy :
±0.5 °C

Usage Area
Global

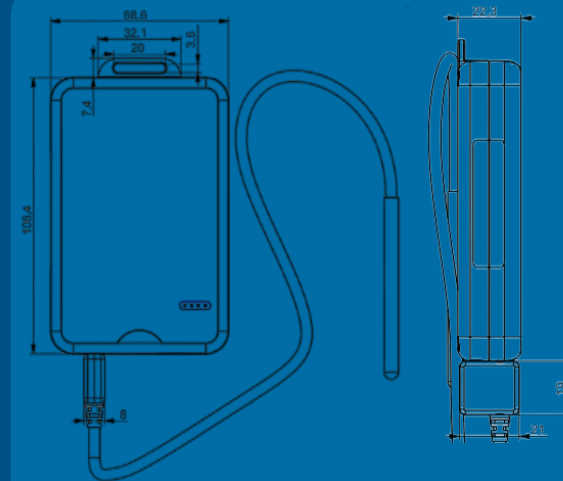
**IP65
Rugged**

Battery types :
Chargeable NI-MH 2200mAh



Sensors
**Temperture Humidity
Motion Light Pressure**

Positioning Technology
GNSS/Cell ID



Dimensions:
114mm ×69mm ×22.3mm

2023 PRODUCT SPEC

OVERVIEW



FlashLink NOW and FlashLink AIR

FEATURES

General Specification

Operating Temperature	- 20°C~+50°C
Dimensions	114mm × 69mm × 22.3mm
Weight	Approx. 165g
Firmware Upgrade	USB interface, OTA
Data Encryption*	TEA, AES or RSA*(optional)
Stand-by Current	≤80uA
Battery Life	62 days @ 1 report per 1 hour and GNSS ON for NI-MH 2200mAh 64 days @ 1 report per 1 hour and GNSS OFF for NI-MH 2200mAh
Waterproof Grade	IP65

Global Network

Variant for the Global

LTE-FDD	FCC:B2/B4/B12 CE: B3/B8/B20 TELEC:B1/B3/B8/B19/B26
GSM	GSM850/ PCS1900

General Specification

Horizontal Position Accuracy	Autonomous: <2.5m CEP
Velocity Accuracy	Without Aid: <0.1m/s
Acceleration Accuracy	Without Aid: <0.1m/s²
Reacquisition Time	<2s
TTFF (Turn on AGNSS)@(Room temperature, satellite signal -130 dBm test.)	
	Cold Start: 5.5 s Hot Start: 2 s
TTFF (Turn off AGNSS)@(High-precision antenna, open space.test)	
	Cold Start: 30 s Hot Start: 2 s

Buffer Storage:

23300	24000 messages@ basic data length is 43 bytes
-------	---

Hardware Features

USB	× 1, Type-c
(U)SIM Interface	× 1, 1.8V,Nano SIM card eSIM (Optional)
Cellular Antenna	internal
GNSS Antenna	internal,GPS/ GLONASS/ BDS/ Galileo/ QZSS
LED	× 4, Power Light, Status Light
Motion Sensor	Gravity Measurement Range: ±2g/±4g/±8g/±16g ODRBandwidths: 1Hz ~ 400Hz
Light Sensor	Measuring Range: 1~ 100Lux(adjustable levels)
Temperature and Humidity Sensor	Humidity Measurement Accuracy: ±2% RH@-40°C~+55°C Temperature Measurement Accuracy: ±0.5°C ,@- 40°C~+55°C
External temperature sensor	Temperature Measurement Accuracy: ±0.5°C ,@- 100°C~+100°C
Battery Capacity	2200mAh(Optional)

Air Protocol

LTE (Cat 1)	LTE FDD: Max 10Mbps (DL)/Max 5Mbps (UL) LTE TDD: Max 8.96Mbps (DL)/Max 3.1Mbps (UL)
GSM	Max 85.6Kbps (DL)/Max 85.6Kbps (UL)
Transmit Protocol	TCP , UDP,MQTT,SMS
Working Modes	Idle mode Recording mode Flight mode
Geo-fences	Support up to 5 internal geo-fence regions(Plaform)
Alarm function	
Low Power Alarm*	Alarm when internal battery is low*
Motion Alam	Motion detection based on internal 3-axis accelerometer
Light Alam	Light detection based on phototransistor
Temperature and humidity alarm	Temperature and humidity detection based on temperature and humidity sensor

FCC part

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Reorient or relocate the receiving antenna. -Increase the separation between the equipment and receiver. -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -Consult the dealer or an experienced radio/TV technician for help. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body

* Under Development