



NT65







NB-IoT Emergency Light

NT65 NB-IoT emergency light is a compact safety device integrating GPS positioning with an LED warning beacon and one-press SOS button. Utilizing power-efficient NB-IoT networks for reliable communication, its IP65 design and replaceable battery make it a durable, essential tool for roadside assistance.



Applications



- **Easy Battery Replacement**
Powered by a standard 9V alkaline battery for simple, universal field maintenance.
- **Multi-Tech GPS+LBS+Wi-Fi**
Reliable positioning solution leveraging both satellite and terrestrial technologies.
- **NB-IoT Network**
Offers ultra-low power cellular connectivity for cost-effective, wide-area data transmission.
- **BLE 5.0 Connectivity (Optional)**
Available with BLE 5.0 for iBeacon broadcasting and sensor gateway functionality.
- **SOS Button & LED Warning Light**
Features an SOS button for emergency calls and a bright LED light for visual warning.
- **IP65 Water & Dust Resistant**
Rugged, reliable design for steady outdoor performance.

GNSS

Positioning system	GPS, LBS, Wi-Fi with AGPS	
Frequency	GPS L1: 1575.42MHz	
Positioning accuracy	5-10 m (5m CEP)	
Tracking sensitivity	-162 dBm	
Acquisition sensitivity	-148 dBm	
TTFF (open sky)	Avg. cold start ≤ 35 sec	Avg. hot start ≤ 2 sec

Cellular

Communication network	NB-IoT
Supported Bands	B3, B5, B8, B20, B28

Power

Battery	600 mAh 9 V disposable alkaline battery	
Input voltage	9V DC	
Operating current	Active <150 mA	Sleep < 18 μA
Working modes	Track & Rescue/Latent/Sleep Mode	

Interface

LED indication	Cellular (Red), GNSS (Green)
SIM	Nano-SIM
Bluetooth	BLE 5.0 (iBeacon & Gateway)
Antenna	Internal GNSS & Cellular antenna

Physical specification

Dimensions	L88 x W85 x H44 mm
Weight	155g

Operating environment

Temperature	Operating temperature: -20°C ~ +70°C	Storage temperature: -40°C ~ +85°C
Operating humidity	5% ~ 95%	
IP rating	IP65	