



Products description and application

Specially designed for engineering machinery (overhead cranes, engineering vehicles, mobile cranes), port machinery (quay cranes, gantry cranes).

Features

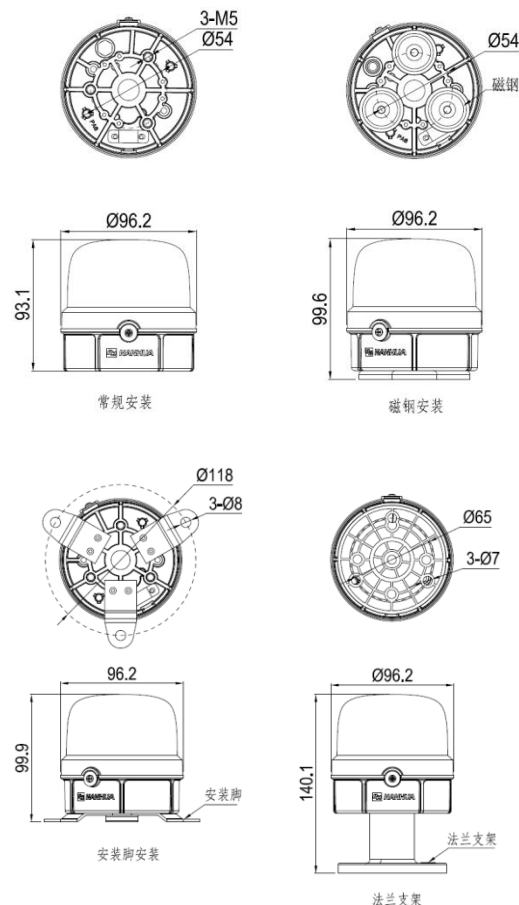
- Compact and light-weight design.
- High brightness flashing, high visual ability.
- Low power consumption, continuous working up to 7 days.
- Work reliable and stable, long lifetime.
- PC lens and excellent optical design to achieve high light transmission, UV resistance and aging resistance.
- Installation method is optional, screws mount, magnetic mount or flange mount.

General Specifications

Electrical		Mechanical	
Battery type	Ni-MH battery	Body material	PA6+GF30%
Battery capacity	1.2V/2400mAh	Lens color	Transparent, Red or Amber
Charging type	Solar cell	Lens material	PC
Solar cell	Polycrystalline silicon 0.3W	Weight	0.3kg
Autonomy days	>120h(fully charged; temperature > 5℃)	Mount type	screws mount, magnetic mount, mounting bracket type or flange mount
On/Off type	Switch (do not turn on the beacon while transporting)	Operating temperature	IEC60068-2-1/IEC60068-2-2 -30℃~+55℃
Work mode	Flashing in the night times, Off in day times IEC61000-4-2	Relative humidity	IEC60068-2-3 10%~95%RH
EMC	Air discharge 8KV, contact discharge 4KV	Vibration resistant	IEC60068-2-6 2g
		IP rate	IEC60529 IP65
Optical			
Alarm type	Flashing (On 30ms/1.5s)		
Light source	LED		
Flashing color	Red or Amber		
LEDs lifetime	100,000h		

Mounting dimensions

Unit: mm



Screws mount:

Ensure the mounting surface is flat and have enough mechanical strength, punch three $\phi 5$ mm holes in the installation position according to the size requirements. Use three M5 screws, washers, spring washers, hex nuts to fix it to the mounting surface.

Magnet mount:

Choose a place where the magnet can be adsorbed. (Do not use it at the position with high frequency vibration)

Mounting bracket type:

Take out the mounting feet and $\phi 3.5$ screws at first, fix the mounting feet to the beacon. Then punch three $\phi 5$ mm holes in the installation position which is flat and have enough mechanical strength according to the mount size requirements. Use three M5 screws, washers, spring washers and hex nuts to fix it to the mounting surface.

Flange installation:

Ensure the mounting surface is flat and have enough mechanical strength, punch three $\phi 5$ mm holes in the installation position according to the size requirements. Use three M5 screws, washers, spring washers, hex nuts to fix it to the mounting surface.

Operation instruction:



The switch is self-lock type and be located at the bottom of beacon, it is turned off when ex-factory. Turn on the switch when use the beacon.

The solar cell is on the top of the beacon, put the beacon in the application places where can receive sunlight for charging during day time.

Thanks for choosing our products, NANHUA Electronics is the professional brand of signal transmission and high quality industrial lighting which is trusted and loved by global users from various industries. Read and understand these instructions completely and carefully. Wrong installation and operation may lead to fires, electric shock, and others. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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