AIS EPIRB (COSPAS-SARSAT)

NEB-2000

NSR's new generation of AIS EPIRB:

- Meet the latest IMO regulation – IMO MSC.471 (101)
- Built in GNSS receiver and AIS transmitter
- Creative design for easy operation
- Special lanyard for hand-free carry
- Automatic power cut when test completed
- Multiple protection to avoid false alert
- Lower power consumption for longer working hours







- Designed to use for alert search and rescue service at sea. Confirming to IMO and IEC rules.
- Location accuracy within 10m, thanks to built-in GNSS receiver used.
- Automatic release device activated underwater 4 meters.
- Self-protective device used to avoid possible false alerts.
- Self-test function applicable.
- New night-vision infrared LEDs.
- Easily coding/reading user data with infrared communication technology.
- 406MHz transmission together with 121MHz.homing & AIS transmitter.

According to IMO MSC.471 (101), all EPIRBs newly installed onboard since July 1st 2022 should include AIS functions.

GMDSS

IP67
1 m for 30min

SPECIFICATIONS

General	Model	NEB-2000
	Case Material	Special ABS+PC
	Color	High Visibility Orange
	IP Grade	IP67
	Buoyant	Yes
	Deployment	Automatic hydrostatic release, or Manual switch control
	Accessories	Hydrostatic Release Unit Buoyant lanyard Lanyard for hand-free carry
Size	Beacon	116 (W)×692 (H)×116 (D) mm
	Container	220 (W)×415 (H)×144 (D) mm
Weight	Beacon	1.45 kg
	Container	1.6 kg
406 MHz Transmitter	Frequency	406.031 MHz
	Output Power	5 W
AIS Transmitter	Frequency	AIS1 (161.975 MHz) AIS2 (162.025 MHz)
	Output Power	1 W EIRP
121.5 MHz Homer	Frequency	121.5 MHz
	Output Power	50 mW
GNSS Receiver	Type	Built-in GNSS antenna
	System Supported	GPS, BDS, Glonass, Galileo
	Satellites Tracked	72
Battery	Type	NBT400
	Total Voltage Rating	14.4 V (4ea×3.6 V each)
	Storage Time	Up to 10 years (see Note)
	Operating Life	⩾48 hrs (-20℃)
Environment	Operating Temperature	-20℃ ～ +55℃
	Storage Temperature	-30℃ ～ +70℃

Note: It's from the date of manufacture. 5-year health check is recommended.
The replacement should be done according to requirements of local authorities, if any.

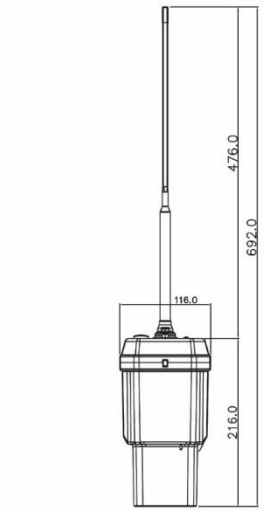


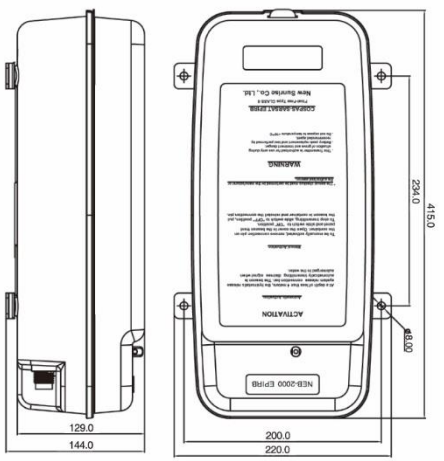
EQUIPMENT LIST

● **STANDARD**

- Beacon	1 pc
- Container（including HRU）	1 pc
- Accessories	1 set

SIZE DIMENSION





※ *Specifications subject to change without notice*