

iCB-7500

- Combined Iridium/GPS Beacon & LED Flasher
- Multiple Surface Activation Modes
- Report GPS Positions in Real-time



TRACKING & MONITORING


NOVATECH™ products have been proven throughout the world's oceans and trusted around the globe for over 40 years.

The Iridium Combo Beacon (iCB-7500) is a self-contained submersible Iridium/GPS Satellite beacon designed to assist in the location and recovery of underwater oceanographic equipment. It combines the functionality of an Iridium/GPS Satellite Beacon and an LED Flasher.

The iCB-7500 features a configurable white LED Flasher that is integrated within the head assembly and can be used to visually spot assets in rough seas and at night.

The iCB-7500 beacon provides peace of mind for those expected and unexpected-asset recoveries.





iCB-7500

TECHNICAL SPECIFICATIONS

PHYSICAL

- Diameter: 2.79" (70 mm)
- Height: 23.65" (600 mm)
- Mass in air: 4.91 kg (10.8 lb)
- Weight in water: 3.56 kg (7.84 lb)

CONSTRUCTION

- Hull Material: Titanium (Grade 5)
- Cap Material: Aluminum Oxide Ceramic
- Lens Material: Sapphire
- Color: Natural

POWER

- Power Supply Voltage 7 to 28 VDC (External power)
- Batteries: 7 X D Lithium cells (or optional alkaline)

ANTENNA

- Integrated dual band GPS / Iridium ceramic patch

FLASHER

- High Power LED – side emitting
- No flashes (off), single, double and triple flash.
- Intensity - Low, Medium, and High Settings.
- 1 to 3 bursts every 1, 2, 3, 4, 5, 10, 20, 30, or 60 seconds.
- Light Sensor Setting
- Enables or disables the light sensor in the unit; if enabled, Flasher operates in dark conditions only
- Visible Range - Up to 5 Nm

OPERATIONAL

- ON / OFF Control
- -30°C (-22°F) to +70°C (158°F)
- Maximum Depth: 7,500 m (24,600 ft)
- Operating Life: 1 year of daily transmissions at 1 hour interval. Note: The estimate varies if the 'flasher' is enabled
- Configurable locally via Bluetooth (BLE)

STORAGE

- Temperature: -40°C (-40°F) to +85°C (185°F)

metOcean
telematics

iridium®

21 Thornhill Drive, Dartmouth, Nova Scotia B3B 1R9 CANADA
Tel: +1 902 468-2505 | Email: sales@metocean.com

metocean.com