



UrsaNav[®] UN-155 A/B R-PNT Receiver

GENERAL OVERVIEW

The UrsaNav UN-155 Resilient Positioning, Navigation, and Timing (R-PNT) Receiver is a multi-source receiver that contains a UrsaNav UN-151 eLoran Receiver Module, a GNSS/DGNSS receiver, and a configurable internal input/output. The UN-155 can also accept input from an external positioning device. Data output from each receiver source is available through rear panel connectors and can be integrated through software running on the receiver's single board computer (SBC) to provide an optimized or "resilient" positioning, navigation, and timing output.

PRODUCT HIGHLIGHT

UrsaNav ELEGANT[™] software for the UN-155 receiver is designed to monitor, control, and log the data of the positional data sources. This software is customizable to meet end-user requirements.



UN-155 Resilient Positioning, Navigation, and Timing Receiver

KEY FEATURES

- Three-months data logging
- UN-155A:
 - Non-directional Radio Beacon (NDB) DGNSS receiver
 - NEMA-formatted GNSS measurement data
 - MSK demodulated radio beacon measurements
- UN-155B:
 - IRIG-B002 (BCD-DCLS) output signal
 - Compatible with the IRIG standard

SPECIFICATIONS

POWER SOURCE	9–36 VDC
COMPATABILITY	ELORAN, CHAYKA
LORAN DATA CHANNEL (LDC)	EUROFIX, 9TH AND 10TH PULSE
SIZE (2RU)	48.3 x 55.9 x 8.9 cm 19 x 22 x 3.5 in
INPUTS	CUSTOMIZABLE 1PPS
OUTPUTS	CUSTOMIZABLE 1PPS, USB, IRIG-B
CONNECTIVITY	ETHERNET, USB, HDMI