

# UrsaNav<sup>®</sup> UN-151 Ursa Mitigator<sup>™</sup> OEM Receiver Module

#### **GENERAL OVERVIEW**

Our latest version Ursa Mitigator™ OEM receiver module provides precise Positioning, Navigation, and Timing (PNT), Frequency, and Data Channel demodulation from Loran-C, Enhanced Loran (eLoran), Chayka, or other LF/MF sources (e.g., WWV, DCF77). Built-in futureproofing allows reception of next generation LF signals that incorporate advanced waveform generation and modulation techniques, multiple frequency transmissions, and enhanced data channel capacity.

### PRODUCT HIGHLIGHTS

- Small form-factor
- NEMA messaging
- Complete range of integration capabilities
- Software configurable

- · Intuitive, user-friendly graphical interface
- H-field or E-field antenna input
- External clock input



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#### **KEY FEATURES**

- Precise UTC time & Statum-1 frequency recovery
- GPS/GNSS integration
- Software Defined Radio (SDR) integration
- Secure data communications
- · Differential reference station processing
- Integrity monitoring
- ASF measurement
- General purpose positioning and navigation

## **SPECIFICATIONS**

POWER SOURCE	5 VDC INPUT
COMPATIBILITY	LORAN-C OR ELORAN, CHAYKA
LORAN DATA CHANNEL (LDC)	EUROFIX, 9 <sup>TH</sup> AND 10 <sup>TH</sup> PULSE
INPUTS/ OUTPUTS	1 PPS, 10 MHZ
CONNECTIVITY	SERIAL