



SEASTAR™ 3610 DGNSS RECEIVER

The Seastar™ 3610 DGNSS Receiver gives access to the full range of Seastar services for Dynamic Positioning and other marine applications.

AN INTERNET COMPATIBLE DGNSS RECEIVER

The 3610 is an L-Band receiver capable of receiving and outputting a range of DGNSS corrections to an external GNSS (Global Navigation Satellite System) navigation sensor. The type and level of service available will depend upon the specification of the external navigation sensor.

Signal reception can be either by dedicated omnidirectional antenna or via the ship's Inmarsat antenna. Interface to the ship's Inmarsat terminal may require use of a coupler (Inmarsat B terminals) or by direct

connection to an L-Band output on compatible Inmarsat terminals.

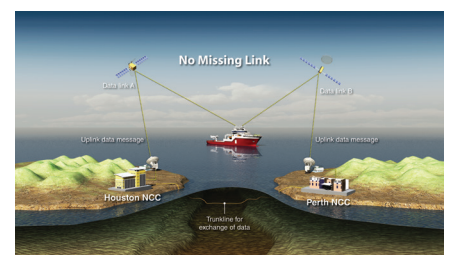
Unlike earlier models, the 3610 is capable of simultaneous tracking of two Fugro broadcast satellites.

The 3610 also benefits from IP data compatibility via a LAN for receipt of back up DGNSS data from the vessel VSAT terminal or other communications system and has a web interface for configuration.

Power is via an external AC/DC Power Supply Unit.

HIGH PERFORMANCE SERVICE COMPATIBILITY

The Seastar™ 3610 DGNSS receiver can be subscribed to the various DGNSS services offered by Fugro. The receiver can be monitored and configured via the front panel display and keypad, or via a web interface.



Dual satellite broadcast links in all ocean regions.



TECHNICAL SPECIFICATIONS

Receive Frequency 1525 - 1559 MHz

Connectors

RF input to receiver TNC female
 Power Connector Hirose LF07WBR-6P male
 Ethernet connector RJ45
 Serial connectors 9-pin DSub female

Data input and output

Two serial ports: A and B
 Electrical interfaces: RS-232 and RS-422
 Baud rates 2400 – 115 200
 Serial data format N,8,1

Ip interface

Protocol NTrip

Power

Voltage 9-24 VDC
 Power consumption < 12W

ENVIRONMENTAL SPECIFICATIONS

Enclosure material Aluminium
 Enclosure Protection IP-22
 Operating temperature range -5 to +55°C

Recommended operating temperature range +20 to +25°C

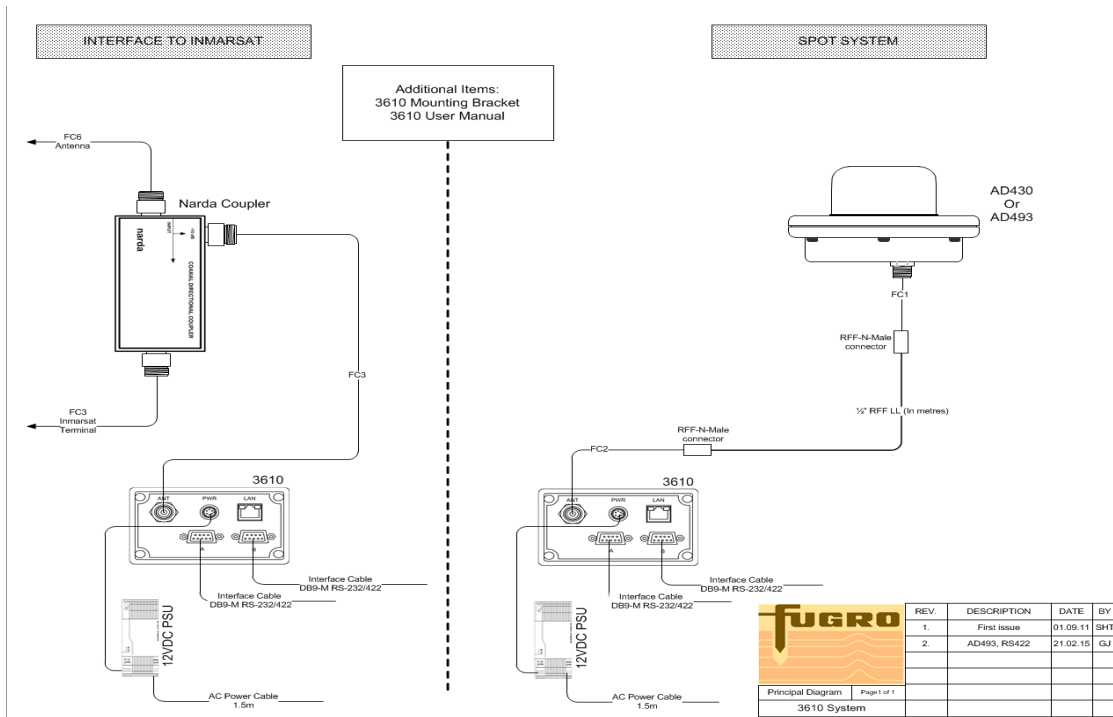
Operating humidity Max. 95% non-condensing
 Storage temperature range -20 to +65°C
 Storage humidity Less than 55%

PHYSICAL DIMENSIONS

Width 109.5 mm
 Height 65 mm
 Depth 253 mm
 Weight 0,8 mm
 Color housing Clear anodizing

COMPASS SAFE DISTANCE

Steering magnetic compass 0.2 m
 Standard compass 0.4 m



System Diagram

