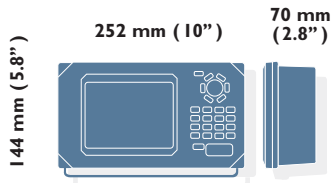
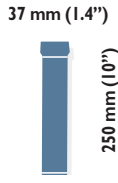


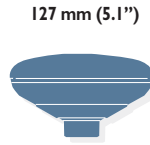
Technical Specifications



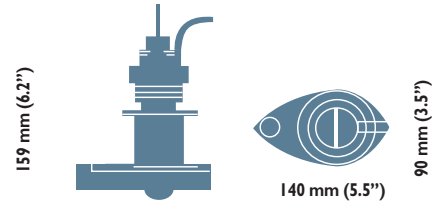
XX33 with 6" screen



RS5640 GPS antenna



MGL-3 DGPS antenna



Transducer

Power supply:

12 and 24V dc (9-36V dc max)
8 - 16 Watts

Environment:

0 to +50°C, IEC 60945, waterproof USC
46 CFR and IP56

Housing:

Casted aluminum back
Polycarbonate front

Weight:

1.5 kg (3.0 lbs)

Mounting:

Bracket for table, ceiling and wall
Flush mount with removable corners

Display:

TFT color, power backlight:
5.7 inch 320 x 240 pixels
or alternative

STN transmissive monochrome:

6.0 inch 320 x 240 pixels

Presentation:

4 pages. Manual, dedicated and remote key,
and automatic sequencing

Interfacing:

1 port in/out NMEA 0180/0182/0183

1 port NMEA 2000 (optional)

Alarm/log output:

Alarm relay (contact closure)
200 pulses/nm (5 volt pulses)

GPS section (CP/CE33)

Receiver type:

14 channel parallel, C/A code,
8 state Kalman filter

Accuracy:

Position (DGPS): 2-5 m RMS

Position (SDGPS): 3-7 m RMS

Position (GPS): 8 m RMS

Speed: 0.1 kn

Heading: 1°

Speed filter: 10 settings

Update rate:

1 second interval typical

Dynamics:

Velocity: 600 Km/h

Acceleration: 10m/S2

Antenna types:

DGPS patch and H-field or
GPS quadrifilar Helix

Mounting:

1"14 thread (standard US)

Cable:

10 m RG58 standard
Max length 30 m with RG213

Chartplotter section (CP/CE33)

Chart system: C-MAP NT+

Presentation:

Semi dual chart: Two charts in two
individual scales and detail level

Internal memory:

Dynamic storage with combinations of
or totals up to:

35,000 marks/WPs

10,000 WPs w/name (25 characters)

50,000 track points

50,000 line sections

1,000 routes

Echosounder section (EQ/CE33)

Frequency: 50 or 200 kHz, selectable

Transmit power: 600 watts RMS (4,800 w PP)

Display ranges: 3 to 1000 meters in 21 steps,
manual and auto mode

Detection ranges:

Frequency	Beam	Bottom
50 kHz	45°	800m/2,400 ft
200 kHz	15°	350m/1,050 ft

Pulse length: Short, medium, long and auto

Max. transmission rate: 10 ping per second

Alarms: Fish, max. and min. depth

Zoom mode:

Bottom and VRM expansion,
6 to 50 meters, feet or fathoms

Event markers: At current ping and depth memory

Picture speed:

True distance or time, high, medium, low, and freeze

Noise filter: User selectable on/off

Echo presentation:

A-scope and white line discrimination

Temperature: Sensor or NMEA

Speed: Sensor or NMEA

Options:

OEM transducers

A variety of transducers is available,
ask your dealer for more information
DS33 Dual Station, 6 inch LCD screen
color or monochrome, incl. 12.5 m cable.

Max cable length 25 m

Antenna cable 15m RG58

RS5345 6-channel NMEA buffer

Sunhood

Note: Specifications are subject to change without notice.