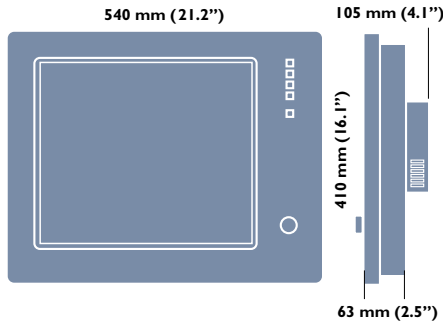
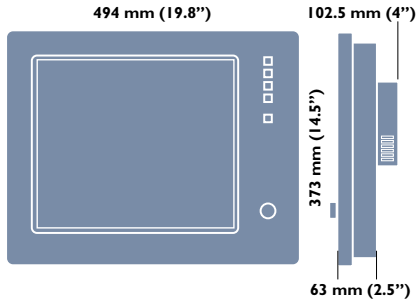


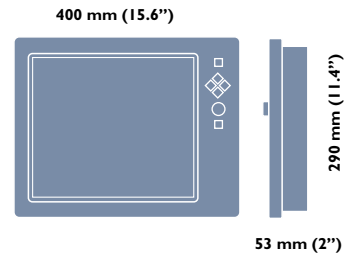
Simrad ES60 Technical Specifications



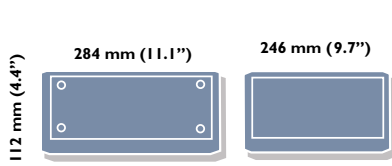
20" Color LCD Monitor



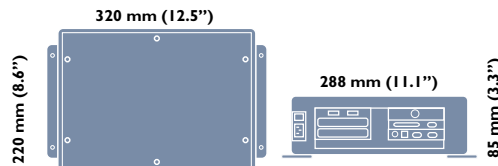
18" Color LCD Monitor



15" Color LCD Monitor



General Purpose Transceiver



Processor Unit

Display size:

15, 18 or 20 inch LCD Monitor

Resolution: 1024 x 768 pixels

Operation:

Windows operation with roller ball

Languages:

English, Spanish, French, Icelandic, German, Dutch, Norwegian

Range:

Min. 5 meter. Max 5,000 meters
Manual, auto start, auto range

Phasing: Manual or auto.

Bottom expansion:

Min. 5 meter. Max 5,000 meter

A-scope:

Screen, layer or expanded area

Internal memory:

Recordings on harrdisk and 400 pages of echogram

Color Printer: Option

Variable Sound Velocity

1400 to 1700 meter/sec.

Data output (NMEA 0183)

Bottom output to sonar, trawl system, chartplotter etc.

Data output LAN (Ethernet)

Bottom discrimination data to Simrad CM60 chartplotter

Data input (NMEA 0183)

Trawl depth from ITI or FS depth sensor
Trawl height from ITI sensors
Lat./Long. from GPS
Net depth from PI30 Purse Seine System

Supply voltage: 95 - 265 V AC

General Purpose Transceiver, GPT

Operating frequencies: 1 or 2

Split Beam frequencies:

18, 38, 70, 120 and 200kHz

Single Beam frequencies

12, 18, 27, 38, 50, 70, 120 or 200 kHz

Power output:

12kHz: Variable up to 2kW
18kHz: Variable up to 2kW
27kHz: Variable up to 3kW
38kHz: Variable up to 4kW
50kHz: Variable up to 2kW
70, 120 and 200kHz: Variable up to 1kW

Dynamic range in receiver: 140dB

Supply voltage:

95 - 265 V AC, 12V DC, 50-100W

Note: Specifications are subject to change without notice.