

# DuraMON 19" C-Line

Monitor for Radar & ECDIS

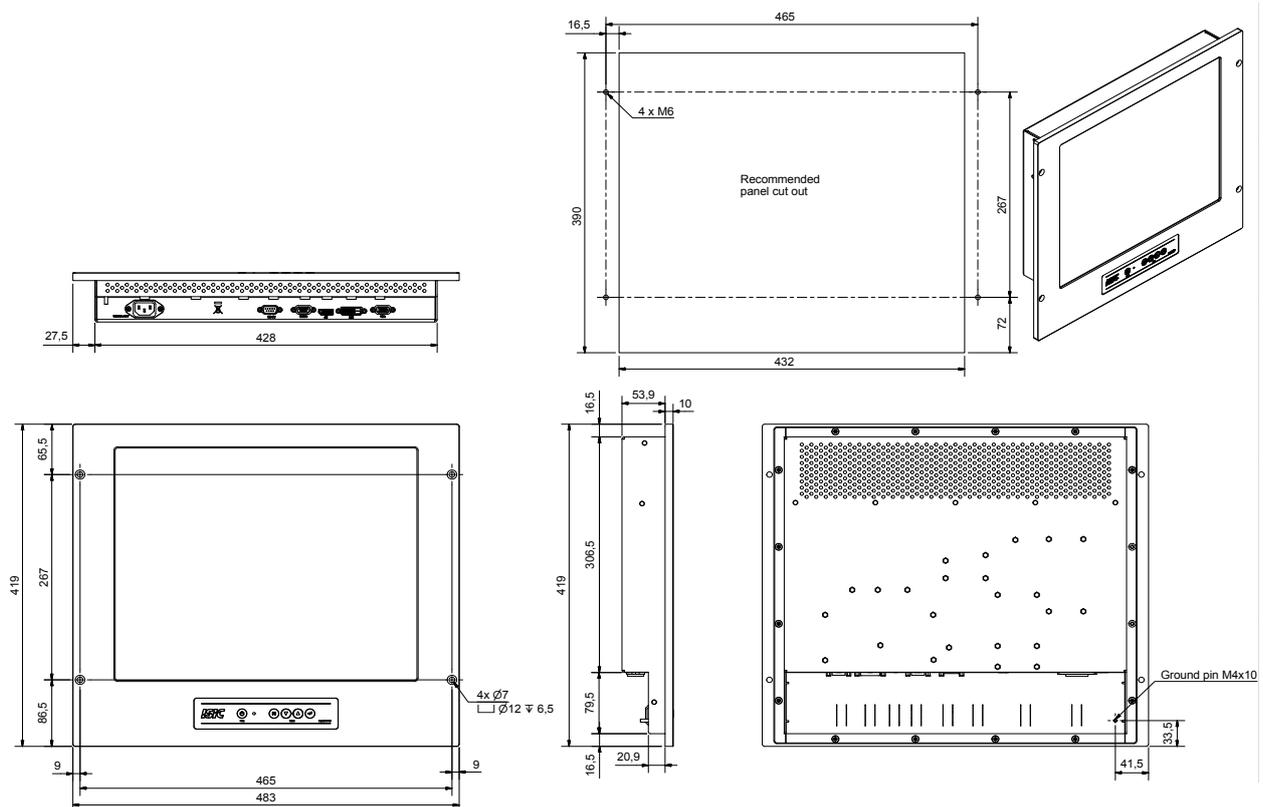


**DuraMON 19" C-Line** monitors are designed for marine, naval and other demanding environments where reliable and durable hardware is required. Applicable for CAT 2 Radar.

The C-Line product family has a long track record in the market and features integrated membrane keys for dimming and is mountable from the front.

- ✓ 60945 Type Approval
- ✓ ECDIS Applications
- ✓ Radar Applications

## Mechanical outline



## Display properties

Size	19.0"
Aspect ratio	5:4
Active area	376.0 x 301.0 mm
Luminance	300 Cd/m <sup>2</sup>
Contrast	2000:1
Native resolution	1280x1024
View angle	89° (L/R/T/B) typical
Glass	Anti reflection coated front glass

## Input/output terminals

VGA video input	1 x 15p D-sub female
DVI-D video input	1 x DVI-D Dual link connector female
DP video input	1 x DP 1.2 connector female
Serial RS232	1 x 9p D-sub female - remote control
Serial RS422/485	1 x 9p D-sub female , optional

## Operator control interface & OSD

Power	Power on/off (press for 10 sec. to turn off)
Menu	Get OSD menu
Up	Navigate menu / adjust backlight up
Down	Navigate menu / adjust backlight down
Enter	Navigate menu / enter set value

## Power supply/power consumption

AC power	100-240 VAC 50/60Hz (Nominel Marine)
DC power	24 VDC (Nominel Marine) optional
AC/DC dual power	230 VAC + 24 VDC combined optional
Typ. Consumption	35W (VA)
Max. Consumption	45W (VA)

## Physical dimensions

Dimensions	483 (W) x 419 (H) x 64 (D) mm
Dimensions in box	550 (W) x 490 (H) x 190 (D) mm
Weight	6.5 kg
Weight in box	9 kg

## Environmental

Operating temp.	- 15 to 55° C
Storage temp.	- 25 to 70° C
Humidity	8 to 95% relative humidity
Protection	IP56 from front - IP20 from rear
Materials encl.	Sea water resistant Aluminum
Surface treatment	Black Powder coating RAL 9005

## Options & accessories

Touch	Not available
ECDIS	Colour calibration for ECDIS applications
RS 422/485	Optional extra COM port
Audio Buzzer	75 -85 dB(A) 1m
Wall bracket	Wall mount bracket (05876-001)
Table bracket	Table/ceiling mount bracket (05869-001)

## Approvals & Certificates

CE mark	Declaration of conformity (03029-012)
Marine	IACS E10 rev. 8 & IEC 60945 ed. 4
ECDIS	IEC 61174 ed. 4
Radar Navigation	IEC 62388 ed. 2 & IEC 62288 ed. 2
Certificate	DNV Mutual Recognition
Compass SD	65 cm (stand.) 35 cm (steer.)