

DuraMON 55" S-Line

4K Wide Screen Monitor for Radar/ECDIS

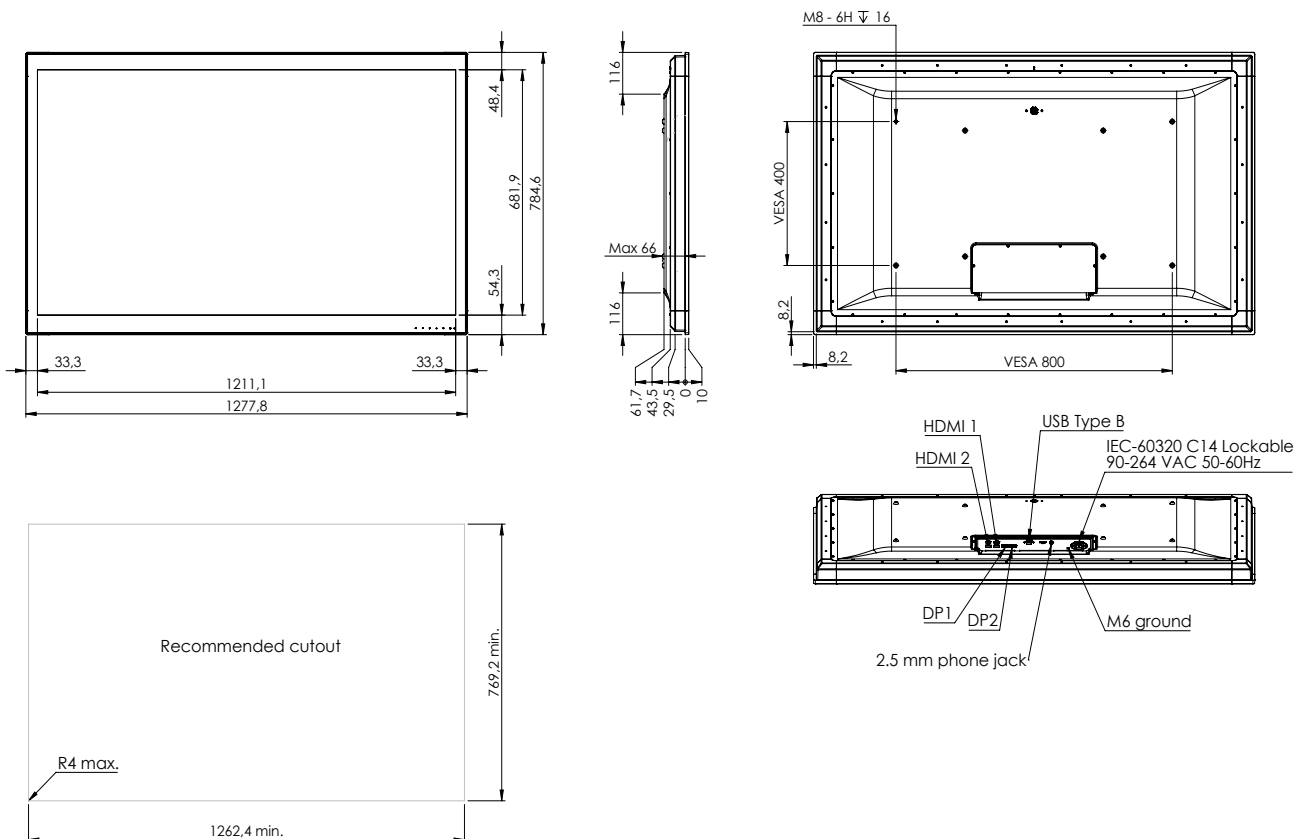


DuraMON 55" S-Line monitors are designed for marine, naval and other demanding environments where reliable and durable hardware is required.

The DuraMON 55" S-Line is an up-to-date and cost efficient design featuring 4K resolution, optical bonding, super slim design, narrow bezel, low weight and low power consumption.

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

Mechanical outline



Display properties

Size	55" wide screen
Aspect ratio	16:9
Active area	1210 x 680 mm
Luminance	450 Cd/m ²
Contrast	4000:1
Native resolution	3840 x 2160 (4K/UHD)
Viewing angle	89° (L/R/T/B) typical
Viewing distance	1083 mm minimum
Glass	Anti glare cover glass
Bonding	Optical bonding as standard

Input/output terminals

DP video input	2 x DP 1.2a Up to 3840x2160 60Hz
HDMI video input	2 x HDMI 1.4 up to 3840 x 2160 (UHD) 30Hz
USB	1 x USB for touch sensor

Operator control interface & OSD

Power stand by	On/Standby (press for 5 sec. for standby)
Up	Backlight-up
Down	Backlight-down
Select	Menu-select
Back	Menu-back

The above operator controls can be optional (On/Standby; Backlight; Menu).

Power supply/power consumption

AC power	100-240 VAC 50/60Hz (Nominal Marine)
DC Power	24 VDC (Nominal Marine) optional
AC/DC dual power	230 VAC + 24 VDC combinewd optional
Consumption	180W (VA)

Physical dimensions

Dimensions	1278 (W) 785 (H) x 72 (D) mm
Dimensions pallet	1600 (W) x 1100 (H) x 860 (D) mm
Weight	55 kg
Weight on pallet	135 kg

Environmental

Operating temp.	- 15 to 55° C
Storage temp.	- 25 to 70° C
Humidity	8 to 95% relative humidity
Protection	IP56 from front - IP22 from rear
Materials encl.	Sea water resistant Aluminum
Surface treatment	Black Powder coating RAL 9005

Options & accessories

Touch	P-Cap multi touch
ECDIS	Color calibration for ECDIS applications
Wall bracket	Wall mount VESA bracket (10730-055)
Console bracket	Console mount bracket kit (10585-055)
Floor stand	S-Line 55" Floor Stand (08300-000)

Approvals & Certificates

CE	Declaration of conformity (03029-075)
Marine	IACS E10 rev. 9 & IEC 60945 ed. 4
ECDIS	IEC 61174 ed. 4
Radar/Navigation	IEC 62388 ed. 2 & IEC 62288 2021
Certificate	DNV EU RO MR
Compass SD	350 cm (std.) 230 cm (steer.)