



*Olorin AB is a well established Swedish company within the maritime sector that offers our own brand of monitors with dimming, sunlight readable and a wide range of input and mounting options.*



## Olorin Maritime

### Head office

Olorin AB  
Marios gata 11  
SE-434 37 Kungsbacka  
SWEDEN

### Telephone

+46 (0)300 56 67 80

### E-mail

info@olorin.com

### Website

www.olorin.com

### Opening hours

Monday- Friday, 08.00- 17.00 CET



# Fully featured maritime monitors with dimming and optional sunlight readable filter



## Visual excellence



Olorin has nearly 20 years of experience in the maritime

business and consistently develop new products to meet the increasing needs for marine imaging, our goal is to deliver high quality products at a reasonable cost.

## Dimming



Olorin monitors are fully dimmable, this means that they keep the contrast when you decrease the brightness from 100 to 0%, keeping the helmsman's vision intact during complete darkness.

## Sunlight readable



The monitors can be fitted with a Sunlight Readable filter, a polarizing screen layer which makes the monitors fully readable in strong sunlight, making important information always clearly visible.

## Touch panel



Interactive touch screens are a common tool in our everyday life, Olorin monitors are designed to be easily customized with multi touch for environments where there's no room for a keyboard or mouse.

## External OSD



External control for OSD and dimming, connected via RJ45. Perfect solution for remote adjustments of monitors. Olorin's high end models have GPIO for software integration.



## Mounting frames



Olorin offers a variety of mounting solutions, such as flush mounting, These are prepared with external OSD for dimming. Olorin also offers mounting arms and solid base units that can be fitted on a table or in the ceiling.

## Crystal clear imaging



Olorin strive for high quality imaging and as such, use high end VA and IPS displays to secure your work environment. Olorin's 27" and 55" monitors have a color depth of 1.07 Billion, which means reliable clarity.

## Picture by Picture











Olorin 27" and 55" monitors with Ultra HD resolution can output a total of four inputs at the same time with Picture in Picture. These models are also very versatile with Zoom and Profile functionality.

## Varied input options



The world is going digital and Olorin is no exception, we offer advanced video monitors with DVI, DisplayPort but also CVBS (BNC) and S-video (Mini DIN) for legacy systems.

# Fully featured maritime monitors with dimming and optional sunlight readable filter

								
	<b>VL127D</b>	<b>VLD158</b>	<b>VLD178</b>	<b>VLD198</b>	<b>VL221D</b>	<b>VL241D</b>	<b>ML270G</b>	<b>ML550G</b>
Monitor	<b>VL12789D</b>	<b>VL15806D</b>	<b>VLD17806D</b>	<b>VLD19806D</b>	<b>VL22186D</b>	<b>VL24176D</b>	<b>ML27016</b>	<b>ML55016</b>
Screen size	12" 4:3	15" 4:3	17" 5:4	19" 5:4	21.5" 16:9	24" 16:9	27" 16:9	55" 16:9
Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)	1920 x 1080 (FHD)	1920 x 1080 (FHD)	3840 x 2160 (4K UHD)	3840 x 2160 (4K UHD)
Brightness	500 cd/m2	350 cd/m2	350 cd/m2	300 cd/m2	250 cd/m2	300 cd/m2	300 cd/m2	450 cd/m2
Contrast ratio	700 : 1	800 : 1	1000 : 1	1000 : 1	1000 : 1	5000 : 1	1000 : 1	4000 : 1
Color depth	262K / 16,2M	16.7M	16.7M	16.7M	16.7M	16.7M	1.07B	1.07B
Response time	25 ms	8 ms	5 ms	25 ms	14 ms	25 ms	12 ms	6.5 ms
Viewing angles	160 / 140	160 / 150	170 / 160	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Backlight, Panel type	LED, TN	LED, TN	LED, TN	LED, VA	LED, VA	LED, VA	LED, VA	LED, VA
Connectivity	DVI-I, S-video (4-pin DIN), CVBS (BNC), Audio (3.5 mm), RJ45	DVI-I, S-video (4-pin DIN), CVBS (BNC), Audio (3.5 mm), RJ45	DVI-I, S-video (4-pin DIN), CVBS (BNC), Audio (3.5 mm), RJ45	DVI-I, S-video (4-pin DIN), CVBS (BNC), Audio (3.5 mm), RJ45	DVI-I, S-video (4-pin DIN), CVBS (BNC), Audio (3.5 mm), RJ45	DVI-I, S-video (4-pin DIN), CVBS (BNC), Audio (3.5 mm), RJ45	VGA, 4x DVI, 2x DP, RJ45	VGA, 4x DVI, 2x DP, RJ45, RS232 (GPIO)
Speakers	Stereo, 2x 2W	Stereo, 2x 2W	Stereo, 2x 2W	Stereo, 2x 2W	Stereo, 2x 2W	Stereo, 2x 2W	N/A	N/A
Power supply	External PSU, 12V	External PSU, 12V	External PSU, 12V	External PSU, 12V	External PSU, 12V	External PSU, 12V	External PSU, 24V	Int. 100~250 Vac, 60/50Hz
Power consumption	20w (2.5W in stand-by)	20w (2.5W in stand-by)	25w (2.5W in stand-by)	30w (2.5W in stand-by)	40w (2.5W in stand-by)	50w (2.5W in stand-by)	80w (5W in stand-by)	200w (5W in stand-by)
Dimming	Yes, default	Yes, default	Yes, default	Yes, default	Yes, default	Yes, default	Yes, default	Yes, default
Sunlight readable	Optional	Optional	N/A	Optional	N/A	N/A	N/A	N/A
Protective glass	N/A	Optional	Optional	Optional	Yes	Yes	Yes	Yes
Touch panel	N/A	Optional, PCAP	N/A	Optional, PCAP	Optional, PCAP	N/A	N/A	N/A
Housing material	Aluminum, open frame	Plastic (PC+ABS)	Plastic (PC+ABS)	Plastic (PC+ABS)	Plastic (PC+ABS)	Plastic (PC+ABS)	Aluminum	Aluminum
Measurements (mm)	262.5 x 222.6 x 45.8	347.43 x 271.43 x 58	385 x 317 x 62.8	429.2 x 354.21 x 65	537.37 x 328.87 x 59	582.07 x 350.07 x 62.5	659.6 x 408.15 x 73	1314 x 785 x 85
VESA mount (mm)	75 x 75	75 x 75 / 100 x 100	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100 / 200 x 100	400 x 400
Weight	1.8 Kgs	2.3 Kgs	3.2 Kgs	4.5 Kgs	5.8 Kgs	7.4 Kgs	9 Kgs	47 Kgs
Mounting frame	<b>XAVL98412</b>	<b>XAVLD98415</b>	<b>XAVLD98417</b>	<b>XAVLD98419</b>	<b>XAVLD98422</b>	<b>XAVLD98424</b>	N/A	N/A
Measurements, cut out	315 x 254 mm	393 x 317 mm	432 x 363 mm	476 x 400 mm	583 x 375 mm	628 x 396 mm	N/A	N/A
Measurements, outer	266 x 226 mm	355 x 276 mm	394 x 324 mm	440 x 363 mm	548 x 338 mm	593 x 359 mm	N/A	N/A



## Olorin AB

Olorin is a Swedish company est. 2000 that is specialized in monitors for special application areas. We have extensive experience and knowledge of their unique work environments. Our focus is on high quality, continuous product development and excellent customer service.

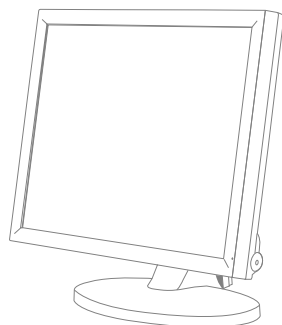
Each of our product categories are specific to different applications which demand a unique set of features, both in performance and design. One common denominator is quality, which is reflected both in our choice of components and supplier but not least in our continuous product development.

## International

Olorin products are shipped worldwide, we have installations in Shanghai, Sydney, Caracas and Dubai to name a few far-away places. The main market is Europe, and in particular the Nordic countries.

Olorin AB's head office is located in Kungsbacka, Sweden.

Sales, service and support are handled by selected distributors and partners outside of Sweden.



The Monitor Specialist

## Distributor

**mantsbrite**  
*marine electronics*

19F Spital Road, Maldon  
Essex, CM9 6DY  
United Kingdom

Tel: +44 (0) 1621 853 003  
sales@mantsbrite.com  
www.mantsbrite.com