



Olorin MLG321



4K Ultra HD monitor with dimming

- 32" monitor with 3840 x 2160 resolution
- Dimming for night time operation
- Wide color gamut and viewing angles for optimal quality

Specification

LCD Panel	Backlight Type	WLED
	Screen Technology	AHVA
	Surface Treatment	Antiglare, Hard coating (3H)
	Screen Size, Diagonal	32.0"
	Screen Size, H/V	708.48 x 398.52 mm
	Aspect Ratio	16:9
	Resolution	3840 x 2160, UHD
	Color Depth	1.07B, 100% SRGB
	Contrast Ratio	1000 : 1 (Typ.) (TM)
	Luminance	350 cd/m ² (Typ.)
	Viewing Angles	178 / 178
	Response Time	12 ms (G to G)
	Refresh Rate	60 Hz
Display Modes	DICOM	DICOM Preset
	Gamma	1.8, 2.0, 2.2, 2.4
	ITU-R Recommendation	BT.709, BT.1886, BT.2020
Temperature	Cool, Neutral, Warm, User (RGB)	
Features	Picture-in-Picture, PbP, PoP	PIP, PbP2
	Video Scaling	Full, Original, 1:1
Video Inputs	DisplayPort	DisplayPort 1.2a x 1
	DVI	DVI-I Dual Link x 2 (HDMI 1.4 Compliant)
	HDMI	HDMI 2.0 Type A x 1
	VGA	D-sub 15 pin x 1
	SDI (Optional)	BNC x 1 (3Gb/s)
Video Outputs	SDI (Optional)	BNC x 1
Control Inputs	Serial Command, RS-232	D-sub 9 pin x 1
	Olorin External OSD	RJ45 x 1
USB	USB Downstream	USB Type A x 2
	USB Upstream	USB Type B x 1

Olorin MLG321 is designed for specialists, with its high resolution 4K display and excellent color reproduction it is suitable for demanding applications, such as on the bridge of a fishing vessel.

Excellent image quality

Olorin MLG321 features a standard 4K UHD resolution suitable for working environments. The monitor's wide viewing angles makes it easier for multiple operators to see the same image without distortions and its deep color reproduction should satisfy any professional.

Connectivity

Olorin MLG321's has multiple video inputs for users who want to get the most out of their monitor. The monitor supports VGA, DVI, HDMI, DisplayPort and SDI. Picture-in-Picture is supported so that you can show multiple sources at the same time.

Dimming

The monitor features a dimmable backlight, to make sure the operator can work even in complete darkness on the sea without having the monitor's contrast be compromised.

Suitable for demanding environments

The monitor's VESA mount can be used to attach it to lots of different arms and base units, making the Olorin MLG321 very versatile.

The monitor also supports Olorin's External OSD and/or RS232 for remote control.

Power	Power Input Type	External adapter
	Power Input Rating	100-240Vac, 50/60Hz
	Adapter Power Output Rating	24V 3.75A
	Power consumption	Full Brightness: 70 W Power Saving: 15 W
Mechanical	Dimensions without Base Unit	761.2 x 465.6 x 61.5 mm
	Weight without Base Unit	11 Kgs
	Housing Color	Black
	Housing Material	Aluminum
	IP Rating	IP 65 (Front bezel only)
	Mounting Standard, VESA	100 x 100 mm, 200 x 100 mm
	LED Indicator	Green: ON Orange: Stand-by
	OSD Interface	Sensor Keys on Front Bezel
	OSD Sensor Keys	Source, PIP, Swap, Menu, Up, Down, Power
	Screen Protection	AR 93, 2.8 mm
Security slot	N/A	
Ground bolt	Potential equalization bolt	
Compliance	EU	CE (EN 60601-1:2006 + A1:2013 + A12:2014 EN60601-1-2:2015)
	Warranty	DOA Three (3) months, max. 500 h. Standard Two (2) years

Order no. Monitor

Part no.	Item
MLG32116DGTGTF	Monitor
MLG32116DGTGTFSDI	Monitor with SDI

