



# Olorin ML550G



## 4K Ultra HD monitor with dimming

- 55" 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               |                                          |
|                | Screen Technology            |                                          |
|                | Surface Treatment            | Antiglare (Haze 2%)                      |
|                | Screen Size, Diagonal        | 55.0"                                    |
|                | Screen Size, H/V             | 1209.6 × 680.4 mm                        |
|                | Aspect Ratio                 | 16:9                                     |
|                | Resolution                   | 3840 x 2160, UHD                         |
|                | Color Depth                  | 1.07B, 72% sRGB                          |
|                | Contrast Ratio               | 4000 : 1 (Typ.) (TM)                     |
|                | Luminance                    | 450 cd/m <sup>2</sup> (Typ.)             |
|                | Viewing Angles               | 178 / 178                                |
|                | Response Time                | 8.5 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                 |
| Features       | Temperature                  | Cool, Neutral, Warm, User (RGB)          |
|                | Dimming                      | Olorin Dimming, 0 to 100%                |
|                | Picture-in-Picture, PbP, PoP | PiP, PbP2, PbP3, PbP4, PoP               |
|                | Video Scaling                | Full, Original, 1:1                      |
|                | Zoom                         | Yes                                      |
| Video Inputs   | DisplayPort                  | DisplayPort 1.2a x 2                     |
|                | DVI                          | DVI-I Dual Link x 4 (HDMI 1.4 Compliant) |
|                | VGA                          | D-sub 15 pin 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 ML550G 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 ML550G 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.

## 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.

## Connectivity

Olorin ML550G has multiple video inputs for users who want to get the most out of their monitor. The monitor supports 4x DVI, 2x DisplayPort and 1x VGA.

Picture-in-Picture, Picture-by-Picture and Picture-on-Picture is supported so that you can show multiple sources at the same time. For easy operation, you can use a one button solution to switch between different inputs and PiP modes. If you have multiple uses for the monitor, you can also save different profiles to its memory and quickly load for a variety of applications.

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

|            |                              |                                              |
|------------|------------------------------|----------------------------------------------|
| Power      | Power Input Type             | Internal                                     |
|            | Power Input Rating           | 100~250Vac, 60/50Hz Universal                |
|            | Power consumption            | Full Brightness: 160 W<br>Power Saving: 20 W |
| Mechanical | Dimensions without Base Unit | 1314.5 x 784.8 x 85 mm                       |
|            | Weight without Base Unit     | 39.7 Kgs                                     |
|            | Housing Color                | Black                                        |
|            | Housing Material             | Aluminum                                     |
|            | IP Rating                    | IP 65 (Front bezel only)                     |
|            | Mounting Standard, VESA      | 400 x 200 mm                                 |
|            | OSD Interface                | Sensor Keys on Front Bezel                   |
|            | OSD Sensor Keys              | Source, PiP, Swap, Menu, Up, Down, Power     |
|            | Anti Reflective Film         | N/A                                          |
|            | Screen Protection            | AG 80, 5 mm                                  |
| Compliance | Security slot                |                                              |
|            | Ground bolt                  | Potential equalization bolt                  |
|            | EU                           | CE (EN60601-1 / EN60601-1-2 4th)             |
|            | DOA                          | Three (3) months, max. 500 h.                |
|            | Standard                     | Two (2) years                                |

## Order no. Monitor

| Part no.     | Item                  |
|--------------|-----------------------|
| ML55026D     | Monitor               |
| ML55026DPCAP | Monitor w/ PCAP touch |

## Order no. Accessories

| Order no. | Item                   |
|-----------|------------------------|
| XAML98501 | External OSD (1 port)  |
| XAML98502 | External OSD (2 ports) |
| XAML98504 | External OSD (4 ports) |