



Olorin ML550G



4K Ultra HD monitor for Healthcare

- 55" monitor with 3840 x 2160 resolution
- Protective front glass for disinfection
- Wide color gamut and viewing angles for optimal quality

Specification

| | | |
|-----------------------|------------------------------|--|
| LCD Panel | Backlight Type | WLED |
| | Screen Technology | AMVA3 |
| | Surface Treatment | Antiglare (Haze 11%) |
| | 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, 99% sRGB |
| | Contrast Ratio | 4000 : 1 (Typ.) (TM) |
| | Luminance | 450 cd/m ² (Typ.) |
| | Viewing Angles | 178 / 178 |
| | Response Time | 8 ms (G to G) |
| | Refresh Rate | 60 Hz |
| | Display Modes | DICOM |
| 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 |
| Video Inputs | Zoom | Yes |
| | DisplayPort | DisplayPort 1.2a x 2 |
| | DVI | DVI-I Dual Link x 4 (HDMI 1.4 Compliant) |
| Control Inputs | VGA | D-sub 15 pin x 1 |
| | Serial Command, RS-232 | D-sub 9 pin x 1 |
| USB | Olorin External OSD | RJ45 x 1 |
| | USB Downstream | USB Type A x 2 |
| | USB Upstream | USB Type B x 1 |

Olorin ML550G is designed for Healthcare specialists, with its high resolution 4K display and excellent color reproduction it is suitable for pathology, operating rooms and demanding surgical tasks such as endoscopy.

Excellent image quality

Olorin ML550G features a standard 4K UHD resolution suitable for modern operating rooms and more. The monitor's wide viewing angles makes it easier for multiple doctors to see the same image without distortions and its deep color reproduction should satisfy any professional.

Connectivity

Olorin ML550G's 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.

Suitable for demanding healthcare environments

The monitor conforms to EN60601-1, the common standard for medical devices and covers the primary needs for Healthcare specialists. The front of Olorin ML550G features a true flat protective glass to make sure no fluid will touch the LCD panel itself when disinfecting.

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|-------------------|------------------------------|--|
| Power | Power Input Type | Internal |
| | Power Input Rating | 100~250Vac, 60/50Hz Universal |
| | Power consumption | Full Brightness: 160 W 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 |
| Warranty | 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 |
|----------|---------|
| ML55016 | Monitor |

