



# Olorin MM191D



## 19" Diagnostic DICOM monitor for Healthcare

- 19" monochrome monitor with 1280 x 1024 resolution
- High brightness panel at 1300 cd/m<sup>2</sup>
- Three different DICOM settings along with Calibration mode

## Specification

<b>LCD Panel</b>	Backlight Type	WLED
	Screen Technology	IPS
	Surface Treatment	Antiglare (Haze 25%), Hard coating (3H)
	Screen Size, Diagonal	19.0"
	Screen Size, H/V	376.32 × 301.056 mm
	Aspect Ratio	5:4
	Megapixel	1.3 MP
	Resolution	1280 × 1024, SXGA
	Color Depth	Monochrome
	Contrast Ratio	1000:1 (Typ.) (TM)
	Luminance	1300 cd/m <sup>2</sup> (Typ.)
	Viewing Angles	178 / 178
	Response Time	30 ms
	Refresh Rate	60 Hz
<b>Display Modes</b>	Calibration	Internal LUT
	DICOM	DICOM Preset @ 350, 450 & 600 cd/m <sup>2</sup>
	Gamma	1.8, 2.0, 2.2, 2.4
<b>Features</b>	Video Scaling	Full, 1:1, 4:3, 5:4, 16:9
<b>Sensors</b>	Backlight Sensor	Yes
	Automatic Luminance Stabilization	Olorin ALS
<b>Video Inputs</b>	DisplayPort	DisplayPort x 1
	DVI	DVI-D 24 pin x 1
	VGA	D-sub 15 pin x 1
<b>Power</b>	Power Input Type	Internal
	Power Input Rating	AC 100V - 240V, 50/60Hz, 10.-0.5A
	Power consumption	Full Brightness: 45 W Power Saving: 2.5 W

Olorin MM191D is designed for diagnostic imaging where high brightness is a key factor, with its LED backlight it is much more energy efficient and has a longer lifespan than previous models.

### Excellent image quality

Olorin MM191D features a standard 1280 x 1024 resolution which makes it compatible with hardware that still rely on 4:3 or 5:4 aspect ratio.

With its high brightness panel, the monitor supports three different DICOM modes out of the box and can, optionally, be calibrated with internal LUT, using an external sensor.

### Approved for healthcare

Olorin MM191D has a medical approval according to EN60601-1, which means it can fitted in multiple healthcare environments - for example diagnostic review, nursing stations and dental specialists.

The monitor is especially suited for equipment such as C-arms.

### Versatile mounting options

The monitor's VESA mount can be used to attach it to lots of different arms and base units, making the Olorin MM191D very versatile. The monitor can be set to either portrait or landscape mode in various situations depending on the user's needs.

<b>Mechanical</b>	Dimensions without Base Unit	432 x 353 x 75.6 mm	
	Weight without Base Unit	5.6 Kgs	
	Housing Color	Black or White	
	Housing Material	Plastic	
	IP Rating	N/A	
	Mounting Standard, VESA	100 x 100 mm	
	LED Indicator	Green: ON Orange: Stand-by	
	OSD Interface	Potentiometer on Right Side	
	Screen Protection	N/A	
	Security slot		
	Ground bolt		
	<b>Compliance</b>	EU	CE (IEC60601-1, IEC60601-1-2)
	<b>Warranty</b>	DOA	Three (3) months, max. 500 h.
Standard		Two (2) years	

## Order no. Monitor

Part no.	Item
MM19104	Monitor (white), without base unit
MM19106	Monitor (black), without base unit

## Order no. Accessories

Order no.	Item
XAVL22010	Desktop Base unit (white, small), fixed height
XAVL22012	Desktop Base unit (black, small), fixed height

