Olorin MC192D

19” Clinical & Dental DICOM monitor for Healthcare

- 19” monitor with 1280 x 1024 resolution
- Front sensor for Calibration and QA regulation
- Ambient light sensor with warning indicator

Olorin MC192D monitor is designed for Healthcare specialists, primarily in the Dental market. The monitor combines hardware functionality found in high end displays with image quality that conforms to the DICOM standard.

Excellent image quality

MC192D features a high quality LCD panel with bright LED backlight, with sharp images and smooth grayscale that covers the entire DICOM standard. The monitor’s image quality is controlled with its built-in Front sensor and Calibration software to ensure the MC192D stays consistent for professional use.

Quality control without the need of extra hardware

MC192D and its host computer can be connected to a centralized QA software for Calibration and indexing so that the technical department never have to manually verify image quality with external sensors or third party tools. Administrators can easily download a full sheet of all their monitors and see expected lifetime and quickly verify potential issues.

Tools for managing your working environment

MC192D’s power indicator will turn off once the monitor has reached optimal luminance and temperature to make sure its user isn’t distracted while viewing medical images. The MC192D’s power indicator can also be set to warn the user if the ambient light becomes too bright for optimal review conditions. The monitor also features a standard VESA mount to make sure it can be mounted on virtually any type of arm or base unit.

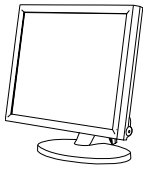
Specification

LCD Panel	Backlight Type	WLED
	Screen Technology	MVA
	Surface Treatment	Antiglare, Hard coating (3H)
	Screen Size, Diagonal	19.0”
	Screen Size, H/V	376.32 x 301.056 mm
	Aspect Ratio	5:4
	Megapixel	1.3 MP
	Resolution	1280 × 1024, SXGA
	Color Depth	16.7M
	Contrast Ratio	1000:1 (Typ.)
	Luminance	330 cd/m² (Typ.)
	Viewing Angles	178 / 178
	Response Time	30 ms
	Refresh Rate	60 Hz
Display Modes	Calibration	Internal LUT
	DICOM	DICOM Preset @ 180 cd/m2
	Temperature	User (RGB)
Features	Video Scaling	Full, 1:1, 4:3, 5:4, 16:9
Sensors	Ambient Light Sensor	Yes
	Front Sensor	Yes
	Presence Sensor	Yes
	Automatic Luminance Stabilization	Olorin ALS
Video Inputs	DisplayPort	DisplayPort x 1
	DVI	DVI-I 29 pin x1 (DVI-D)
	VGA	D-sub 15 pin x 1
USB	Calibration	USB Type B x 1
Power	Power Input Type	External adapter
	Power Input Rating	100V~250Vac, 1.5-0.75A, 50-60Hz
	Adapter Power Output Rating	12 Vdc, 4.5A
	Power consumption	Full Brightness: 35 W Power Saving: 2 W

Mechanical	Dimensions without Base Unit	429.2 x 354.21 x 65 mm
	Weight without Base Unit	5.2 Kgs
	Housing Color	Black
	Housing Material	Plastic
	IP Rating	N/A
	Mounting Standard, VESA	100 x 100 mm
	LED Indicator	Green: Warming up Orange: Stand-by Off: ON or OFF
	OSD Interface	Potentiometer on Right Side
	Screen Protection	N/A
	Security slot	Kensington Security Slot
Compliance	EU	CE(IEC/EN60601-1,EN60601-1-2), WEEE, Rohs
Warranty	DOA	Three (3) months, max. 500 h.
	Standard	Two (2) years

Order no. Monitor

Part no.	Item
MC19236	Monitor, without base unit

Order no. Accessories

Order no.	Item
ML89014	PerfectLum Calibration software (client)
XAVL19012	Desktop Base unit (large), height adjustable
XAVL22012	Desktop Base unit (small), fixed height