



Olorin MC213D



2MP DICOM monitor for radiology

- 21.3" monitor with 1600 x 1200 resolution
- Front sensor for Calibration and QA regulation
- Ambient light sensor with warning indicator

Specification

LCD Panel	Backlight Type	WLED
	Backlight Lifespan	30 000 hours
	Screen Technology	IPS
	Surface Treatment	Antiglare, Hard coating (3H)
	Screen Size, Diagonal	21.3"
	Screen Size, H/V	432 x 324 mm
	Aspect Ratio	4:3
	Megapixel	2 MP
	Resolution	1600 x 1200, UXGA
	Color Depth	16.7M, 75% NTSC
	Contrast Ratio	1500:1 (Typ.) (TM)
	Luminance	400 cd/m ² (Typ.)
	Viewing Angles (simple)	178 / 178
	Response Time (simple)	20 ms
Refresh Rate	60 Hz	
Display Modes	Calibration	Internal LUT
	DICOM	DICOM Preset @ 250 cd/m ²
	Gamma	1.8, 2.0, 2.2, 2.4
	Temperature	Cool, Neutral, Warm, User (RGB)
Sensors	Ambient Light Sensor	Yes
	Front Sensor	Yes
	Presence Sensor	Yes
	Automatic Luminance Stabilization	Olorin ALS
Video Inputs	DisplayPort	DisplayPort 1.2a x 1
	DVI	DVI-I 29 pin x1 (DVI-D)
	VGA	D-sub 15 pin x 1
USB	Calibration	
	USB Downstream	USB Type A x 2
	USB Upstream	USB Type B x 1
Power	Power Input Type	Internal
	Power Input Rating	100-240Vac, 50-60Hz, 1.0-0.5A
	Power consumption	Full Brightness: 45 W Power Saving: 5 W

Olorin MC213D monitor is designed for Healthcare specialists, primarily in the radiology. The monitor combines hardware functionality found in high end displays with image quality that conforms to the DICOM standard.

Excellent image quality

MC213D 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 MC213D stays consistent for professional use.

Quality control without the need of extra hardware

MC213D 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

MC213D'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 MC213D'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.

Mechanical	Dimensions with Base Unit	473 x 600 x 270 mm
	Weight with Base Unit	11.3 Kgs
	Housing Color	Black
	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	
	Dimensions with Base Unit	473 x 600 x 270 mm
	Weight with Base Unit	11.3 Kgs
Compliance	EU	CE(EN/IEC60601-1, EN60601-1-2), WEEE, Rohs
Warranty	DOA	Three (3) months, max. 500 h.
	Standard	Two (2) years

Order no. Monitor

Part no.	Item
MC21302	Monitor, with base unit (XAVL24012)

Order no. Accessories

Order no.	Item
ML89014	PerfectLum Calibration software (client)

