



MedicLine MC241D



24" LED-BASED TFT MONITOR WITH FRONT SENSOR FOR VIEWING OF X-RAY PICTURES

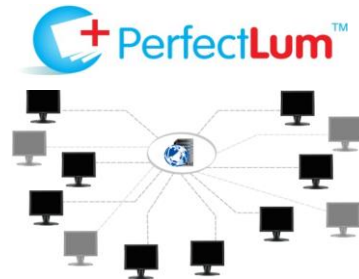
Olorin MedicLine MC241D is developed for use at workstations where you view X-ray pictures in accordance with the DICOM standard. It complies with the AAPM Primary class specification for monitors to be used for diagnostic viewing. With its Medical Approval it can be used close to patients and thus is an ideal monitor for use in operating rooms and dental clinics.

The monitor is built with the latest technology including longer life LED backlights and with a front sensor for easy calibration and constancy testing using full 10-bit internal LUT for a smooth greyscale picture. The use of LED reduces the power consumption and the presence sensor built into the monitor will automatically put it into sleep mode when not used, thus further reducing the power consumption. Other important functions are ALS for Automatic Luminance Stabilization and Ambient Light sensor with a warning system for when the lightning conditions are outside of allowed limits.

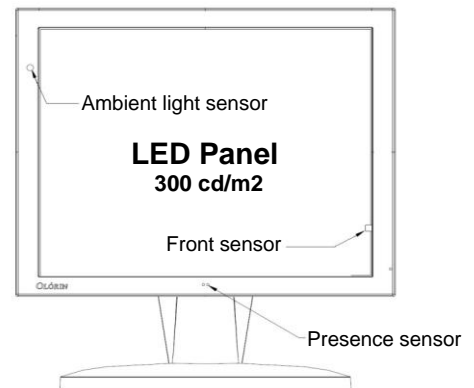
MC241D comes bundled with PerfectLum software for Calibration and Quality Assurance tasks. The tasks can be set up and executed from either the local workstation or from a remote server. The software is easy to use, yet it has many advanced functions to safeguard that the monitor always is in perfect condition. The software is using DDC/Ci protocol over the monitor connection cable (VGA, DVI or DP) thus eliminating the need for any special cable.

Screen size, Format	24" 16:10
Screen size (mm) H/V	518.4 x 324 mm
Produktens färg	Graphite grey
Betraktningvinklar	178/178
Resolution, Megapixel	1920x1200, 2,3 Mpix
Auto setup	Yes, via OSD
Contrast	1000:1
Brightness, candela/m2	300 cd/m2
Response time (ms)	14 ms (GTG)
Color depth	16,7M
Internal DICOM LUT	Yes, 10 bit Barten
Internal Calibration LUT	Yes, with PerfectLum
Connections	DVI, VGA, Displayport USB for calibration
Backlight	LED
Ambient sensor	Yes
Presence sensor	Yes
Front sensor	Yes
ALS (Automatic Luminance Stabilization=	Yes
Quick calibration	Yes
Ambient light warning indicator	Yes
Pivot function	Yes, if GPU driver supports it
Base unit	Option: Tilt, swivel, heigh adjust.
Kensington lock	Yes
VESA mount	100 mm
Replacement warranty	One (1) year
Power supply	Ext. Adapter 12v
Power consumption (standby)	
Net weight excl. Base	7,6 kg
Measurements WxHxD with Base unit	
Measurements WxHxD without Base unit	620 x 390 x 102 mm

Certifications
UL/CUL (ANSI/AAMI ES 60601-1(2005, 3rd ed) and CAN/CSA C22.2 No.60601-1(2008, 3rd ed)), FCC-B, MDD/CE(EN60601-1(3rd ed.), EN60601-1-2).



Centralized calibration with PerfectLum remote server



Part no.	
MC24112	Monitor with base unit
MC24116	Monitor without base unit
Accessories & Options	
XAVL19012	Base unit

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The Monitor Specialist