LMD-2110MD
21.5" HD Widescreen Medical LCD Monitor

The LMD-2110MD is a widescreen medical grade 21.5 inch monitor incorporating a Full HD TN (Twisted Nematic) type LCD panel that provides 1920 x 1080 pixel resolution. It is equipped with a 10-bit signal processor to reproduce lifelike images with smooth gradation and accurate color consistency. The monitor accepts a wide variety of SD signal inputs and features an HD signal input via either HDMI interface or analog component connectors. HD-SDI input is possible with the BKM-341HS option board. Its outstanding picture quality, versatile inputs, and lightweight compact design make it an ideal cost-effective choice for easy integration into a variety of applications such as a doctor’s office or operating room.

- Multiple Input interfaces: Composite, Y/C, RGB/YPBPR, HDMI (compatible with DVI) as standard
- Optional Input interface: SD/HD-SDI input x1 with Optional Input Adaptor “BKM-341HS”
- Selectable color temperature settings
- On screen display (OSD) for seven languages
- Built-in green LED tally lamp to identify when images are captured or recorded
- Parallel remote control interface
- VESA mounting standard compliance (100 mm spacing)
- Built-in desktop stand with tilt function
- Compliance with medical safety standard UL60601-1
Specifications

Panel

Screen Size 21.5”
Panel Type α-Si TFT Active Matrix, TN
Panel Resolution FULL HD (1920 x 1080)
Effective Picture size (WxH/Diagonal) 477mm x 268mm / 547mm diagonal
Aspect 16:9
Display colors Approx. 16,770,000 colors (6bit+rc)
Viewing Angle 170/160, Typical. CR≥10:1
Protection Panel Not equipped

Signal

Signal Process 10 bit

Input

LINE Composite BNC x1, 1Vp-p.3dB sync negative
Y/C 4-pin mini-DIN x1
Audio Phono jack x1, -5 dBu 47 kilohms or higher
RGB/Component BNC x3
RGB 0.7Vp-p.3dB (Sync on Green, 0.3 Vp-p sync negative)
Component 0.7Vp-p.3dB (75% chrominance standard color bar signal)
Audio Phono jack x1, -5 dBu 47 kilohms or higher
External Sync BNC x1, 0.3 to 4.0 Vp-p bipolarity ternary or negative polarity binary
HDMI HDMI x1

Option Input

BKM-341HS (Optional input adaptor) D-sub 9pin x1, female
Option Audio input Phono jack x1, -5 dBu 47 kilohms or higher

Remote

Parallel Remote Modular connector 8pin x1

Output

LINE Composite BNC x1, Loop-through, with 75 ohms automatic terminal function
Y/C 4-pin mini-DIN x1, Loop-through, with 75 ohms automatic terminal function
Audio Phono jack x1, Loop-through
RGB/Component BNC x3, Loop-through, with 75 ohms automatic terminal function
Audio Phono jack x1, Loop-through
External Sync BNC x1, Loop-through, with 75 ohms automatic terminal function
Speaker (Built-in) 0.5 W (mono)

General

Power Requirement AC100–240V, 50/60Hz
Power Consumption Maximum : approx. 60W, 1.0A to 0.5A
Operating Conditions Temperature 0 °C to 35 °C (32 °F to 95 °F)
Recommended Temperature 20 °C to 20 °C (68 °F to 68 °F)
Humidity 30% to 85% (no condensation)
Pressure 700 hPa to 1060 hPa
Storage and Transport Conditions Temperature -20 °C to +60 °C (-4 °F to 140 °F)
Humidity 0% to 90% (no condensation allowed)
Pressure 700 hPa to 1060 hPa

Accessories supplied AC power cord (supplied)(1), AC plug holder (2), Instruction for Use (1), CD-ROM (1), Using the CD-ROM Manual (1), Quick Reference (1), When you First Use the Monitor (1), Sales Companies Guide (1), Warranty Card (1)

Optional Accessories BKM-341HS (HD/SD-SDI Input Adaptor)

Dimensions: (wxhxd) mm (in)
Approx. 515 x 403 x 86.3 (203/8 x 1513/16 x 31/2)

Weight: kg (lbs.)
Approx. 8.6 kg (18 lbs.15 oz.) with stand
Approx. 6.9 kg (15 lbs. 3 oz.) without stand

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Caution: Federal (USA) law restricts this device to sale by or on the order of a physician or other appropriately licensed medical professional.
Caution: See product labeling for indications, contraindications, warnings, cautions and directions for use.