

# Ikegami

## MLW-2170HD

High-Definition LCD  
Medical Monitor



**The Medical Monitor is designed by Broadcast Industry Specialists to meet the stringent demands of today's Healthcare Professionals.**

Cost effective LCD HD Medical Grade Monitor delivers real time Broadcast Grade images – pristine images for medical applications where High-Definition resolution is ideal.

The Medical Monitor provides Broadcast Quality Images at a price that the Medical Market can afford.

### Features

- Affordable 21.5-inch full HD Monitor
- Medical Grade
- HD Panel with 3G HD-SDI interface
- LED Back Light
- Easy to use ergonomics and user-friendly preset functions
- Light weight and rugged enough to withstand harsh environments
- Non-hazardous, toxic free, lead-free components
- ECO friendly LED solution to meet with the latest safety regulations
- 3G HD-SDI, HDMI, DVI-D, PC and Composite inputs
  - Brightness 250 cd/m<sup>2</sup>
  - Contrast Ratio: 1000:1
  - 8-bit color (16.7M colors)

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## High-Definition LCD Medical Monitor



### Specifications

|                                | Description   |
|--------------------------------|---|
| LCD-Type                       | 21.5" Diagonal AM-TFT (Active Matrix)                             |
|                                | Pixel pitch (mm): 0,24825(H) x 0.24825(V)                         |
|                                | Brightness: 250cd/m (Typicaly)                                    |
|                                | Contrast ratio: 1000:1 (Typicaly)                                 |
|                                | Viewing angle: 170°/160° (H/V)                                    |
|                                | Responstime: 5ms (on/off)   |
| Resolution                     | Resolution 1920x1080 @60Hz  |
| Frequency                      | Horizontal: 31~80kHz  |
|                                | Vertical: 56~75kHz  |
| Input Signal                   | VIDEO (1ch input 1.0Vp-p, 75Ohm terminated, 1ch loop-through out) |
|                                | HDMI (High Definition Multimedia Interface)                       |
|                                | DVI (Digital Video Interface)                                     |
|                                | VGA (RGB-PC)  |
|                                | 3G/HD/SD-SDI (BNC, 75Ohm, 1ch input / 1ch loop-through out)       |
| Active Screen Size             | 476,64mm x 268,11mm   |
| Packing Dimensions (W x H x D) | 580mm x 440mm x 145mm (22,83" x 17,32" x 5,71")                   |
| Weight                         | Net: 5,51Kg (12.15 Ibs)   |
|                                | Gross: 7,13Kg (15,72 Ibs)   |
| Electrical Ratings             | 12V 1,8A (100-240V~, 50/60Hz)                                     |
| Power Consumption              | ON: < 21,6W OFF: < 1W   |

### Wide Viewing Angle

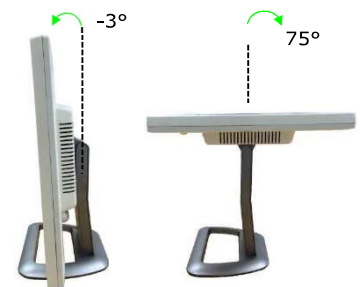
Our LCD panel technology employs wide high contrast viewing at all angles:  
UP / DOWN / LEFT / RIGHT

This characteristic prevents a change in brightness or color shift from the viewing angle



### Convenient Display Positioning

Our LCD panel allows the user to adjust the position of the panel for maximum comfort.



### SDI Format Support Table

| SDI                  | Supported Format             |
|----------------------|------------------------------|
| Input / Loop Through | 3G 1080p (60/59,94/50)       |
|                      | 1080p (60/59,94/50)          |
|                      | 1080p (30/29,97/25/24/23,98) |
|                      | 720p (60/59,94/50)           |
| SD                   | 480i (59,94)                 |
|                      | 576i (50)                    |

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