

32-inch HDTV/SDTV Multi-format LCD Colour Monitor

MLW-3225C

The Ikegami Medical LCD monitors realize true colour and Full High Definition delivering industry leading medical image reproduction.

- Fully compliant with Medical safety directives
- High resolution with very natural color reproduction capability (10bit single process engine)
- 32-inch wide screen Full HD LCD panel (1920(H) x 1080(V) pixels)
- High Speed Response Time (less than 6ms)
- Full colour gradient (1Billion colour)
- High brightness performance of 500cd/m²
- Exceptional contrast of 1300:1
- 178° high contrast viewing angle
- Smooth and Clear lines with Jaggy-less IP conversion process
- Multiple input (Composite, Y/C, Component, PC, DVI) and Multiple format support including 1080P
- Multi-Display function (Picture-in-Picture, Side-by-Side)
- EBU standard Gamma of 2.2 and DICOM Gamma
- Anti-Reflection hard coat screen



MLW-3225C 32-inch HDTV/SDTV Multi-format LCD Colour Monitor



SPECIFICATIONS

LCD PANEL

| | |
|--------------------------------|--------------------------------------|
| Size | 32-inch diagonal |
| Maximum Effective Display Size | 698.40(H) x 392.85(V)mm |
| View Angle | Vertical and Horizontal viewing 178° |
| Maximum Brightness | 500cd/m ² (Typ.) |
| Contrast Ratio | 1300 : 1 (Typ.) |
| Resolution | 1920(H) x 1080(V) |

INPUT SIGNAL

| | |
|----------------------------|---|
| NTSC/PAL (Analogue) | |
| Signal and connector | VBS x 1ch, BNC (with loop through out) Y/C x 1ch, S-terminal (with loop through out) |
| Level | V : 0.7Vp-p, S : 0.3Vp-p |
| Impedance | 75Ω±1% |

| | |
|---|--|
| RGB and component (Analogue HDTV/SDTV) | |
| Signal and connector | RGB or YPbPr, BNC (with loop through out) or D-Sub 15 pin |
| Level | V : 0.7Vp-p, S : 0.3Vp-p |
| Impedance | 75Ω±1% |

| | |
|----------------------|-----------------------------|
| PC (Analogue) | |
| Signal and connector | RGB, D-Sub 15 pin |
| Level | V : 0.7Vp-p, Hs, Vs : TTL |
| Impedance | V : 75Ω±5%, Hs, Vs : 1KΩ±5% |

| | |
|----------------------|------------------------------------|
| DVI (Digital) | |
| Signal and connector | Digital DVI-D, Max. Clock : 162MHz |

| | |
|-----------------------------------|----------------------------------|
| HDTV/SDTV Multi-format SDI | |
| Signal and connector | 1ch, BNC (with loop through out) |

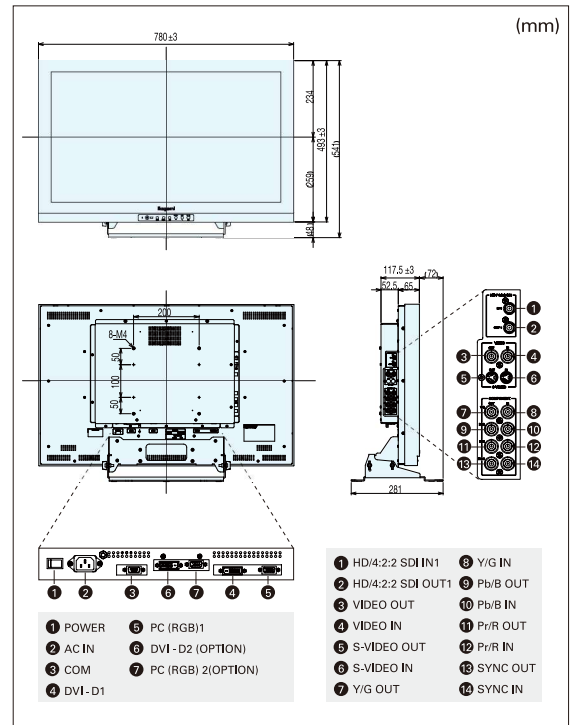
| | |
|----------------------|---|
| Power supply voltage | AC100 to 120V, AC200 to 240V |
| Power consumption | 160W approx. |
| Ambient Temperature | +5°C ~ +35°C |
| Dimensions | W780 x H493 x D117.5mm (excluding stand and protrusions) |
| Weight | 13.0kg or less (excluding stand) |

| | |
|-------------------------------|---------------------------------------|
| Medical Grade Safety Approval | UL60601-1 CSA C22.2No.601.1 EN60601-1 |
| EMC Approval | FCC Class A VCCI Class A |

MULTI-DISPLAY MODE



DIMENSIONS / CONNECTORS



OPTION

| | |
|--|---------------------------------------|
| MRU-10 REMOTE CONTROLLER | TS-321 DESKTOP STAND |
| M-MSDI2 SDI INPUT MODULE | M-RGB3 RGB INPUT MODULE |

MULTI DISPLAY FUNCTION

Optional video input modules for HD-SDI and Analogue RGB.

| CH2 | CH1 | HD-SDI | HD analogue component | SD analogue component | Y/C | VBS | PC | DVI |
|-----------------------|-----|----------------|-----------------------|-----------------------|-----|-----|----------------|----------------|
| HD-SDI | | △ ¹ | ○ | ○ | ○ | ○ | ○ | ○ |
| HD analogue component | | ○ | △ ² | △ ² | ○ | ○ | △ ² | ○ |
| SD analogue component | | ○ | △ ² | △ ² | ○ | ○ | △ ² | ○ |
| Y/C | | ○ | ○ | ○ | × | × | ○ | ○ |
| VBS | | ○ | ○ | ○ | × | × | ○ | ○ |
| PC | | ○ | △ ² | △ ² | ○ | ○ | △ ² | ○ |
| DVI | | ○ | ○ | ○ | ○ | ○ | ○ | △ ² |

△¹: Available with an optional SDI input module. △²: Available with an optional RGB input module.

This product is made of ECO friendly components based upon the Company policy and Corporate Social Responsibility to help Global Environmental solution for energy conservation and environmental sustainability, and all the components used in this product are Non-hazardous, Toxic Free, Non-Lead materials and parts conforming with Japan's Green Product Regulation, EU's RoHS Direction, and other environmental and hazardous chemical substances related regulations and laws.

Design and specifications are subject to change without notice.



U174A099-EU

Ikegami Tsushinki Co.,Ltd.

Head Office
5-6-16 Ikegami, Ohta-ku, Tokyo 146-8567, Japan TEL.03-5700-1111/FAX.03-5700-1137

Overseas Sales Division
5-6-16 Ikegami, Ohta-ku, Tokyo 146-8567, Japan TEL.03-5700-4117/FAX.03-5748-2200

Beijing Office
11-B Fuxing Road, Beijing, China MEDIA CENTER 7F(Room No.754) TEL.010-6855-0597/FAX.010-6855-0595

Ikegami Electronics (Europe) GmbH URL:http://www.ikegami.de

Headquarters
Ikegamistraße 1, D-41460 Neuss, Germany TEL.02131-1230/FAX. 02131-102820

URL:http://www.ikegami.co.jp/en/



RoHS Compliant



Certified JOA-0755
Certified JOA-EM3888

