

## 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/m<sup>2</sup>
- 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



## 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 <sup>2</sup> (Typ.)
Contrast Ratio	1300 : 1 (Typ.)
Resolution	1920(H) x 1080(V)

### INPUT SIGNAL

<b>NTSC/PAL (Analogue)</b>	
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
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### HDTV/SDTV Multi-format SDI

Signal and connector	1ch, BNC (with loop through out)
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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 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		△ <sup>1</sup>	○	○	○	○	○	○
HD analogue component		○	△ <sup>2</sup>	△ <sup>2</sup>	○	○	△ <sup>2</sup>	○
SD analogue component		○	△ <sup>2</sup>	△ <sup>2</sup>	○	○	△ <sup>2</sup>	○
Y/C		○	○	○	×	×	○	○
VBS		○	○	○	×	×	○	○
PC		○	△ <sup>2</sup>	△ <sup>2</sup>	○	○	△ <sup>2</sup>	○
DVI		○	○	○	○	○	○	△ <sup>2</sup>

△<sup>1</sup>: Available with an optional SDI input module. △<sup>2</sup>: 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.

### Ikegami Tsushinki Co.,Ltd.

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### Ikegami Electronics (Europe) GmbH

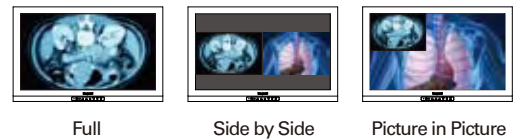
URL: <http://www.ikegami.de>

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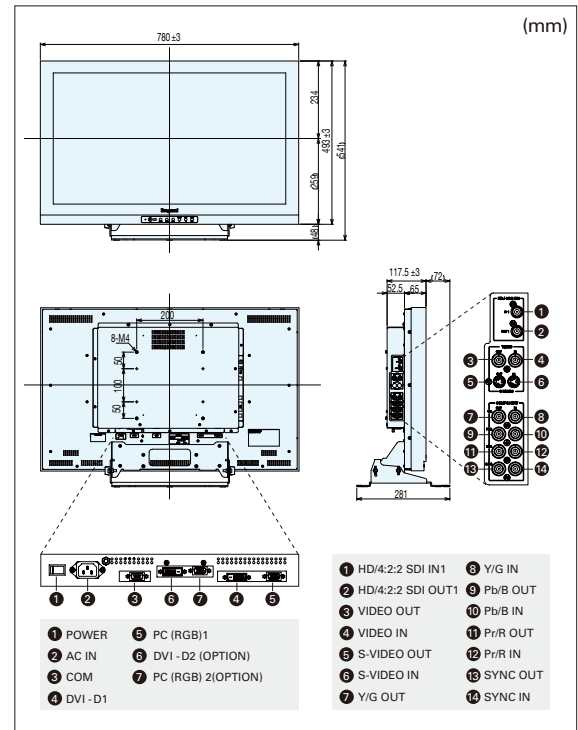
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### MULTI-DISPLAY MODE

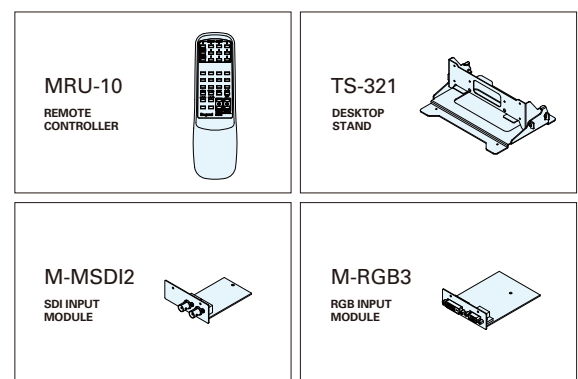


Full Side by Side Picture in Picture

### DIMENSIONS / CONNECTORS



### OPTION



U174A099-HA3 Printed in Japan



Certified JQA-0755 Certified JQA-EM3888