Ikegami

TYPE 3D

Precision Imagery for Critical Applications

[3D 26-inch Medical Grade LCD Color Monitor]

MLW-2627C-DC Type3D

Supporting work in the digital surgery era.
The MLW-2627C-DC Type3D reproduces a realistic 3D image with a high brightness of 400cd/m² [2D : 850cd/m²] providing a high-definition image with the color reproduction and functionality required in the medical field.

Pursuing the exceptional quality for medical applications

High Luminance 3D

Featuring 400cd/m² brightness, High Luminance 3D imagery, for lively real-life picture quality.

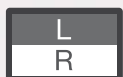### Applicable Diverse 3D Signals (HD-SDI x 2 and DVI-D x 2)

Applicable to diverse 3D signals such as side by side, line by line, top & bottom and SIMAL (simultaneous). Two of input signals not only HD-SDI but also DVI-D are available. It is also possible to use as 2D monitor.

L R		L R	L R
Side by Side	Line by Line	Top & Bottom	SIMAL (simultaneous)

Hyper Image Enhancer

By controlling the chromaticity, luminance, and edge enhancement of a specific color space, the The MLW-2627C-DC Type3D is able to improve the reproduction of difficult areas within a picture.

Dynamic Image Contrast Enhancer

By calculating the brightness of the entire screen and extending the dynamic range between white and black in real time, automatically optimized black level and high contrast are achieved.

MLW-2627C-DC Type3D

Variety of friendly features

Multi-channel Function with Side-by-Side and Picture-in-Picture

The input signal can be displayed simultaneously with side-by-side or picture-in-picture display modes.

■ side-by-side   ■ picture-in-picture

■ Signal Combinations

	Video	S-Video	HD15 (D-sub15p)	DVI-1	DVI-2	SDI-1	SDI-2
Viadeo	–	–	○	○	○	○	○
S-Video	–	–	○	○	○	○	○
HD15 (D-sub15p)	○	○	–	○	○	○	○
DVI-1	○	○	○	–	○	○	○
DVI-2	○	○	○	○	–	○	○
SDI-1	○	○	○	○	○	–	○
SDI-2	○	○	○	○	○	○	–

User Preset Memory

It has a user preset function for easy setting and adjusting of the display mode and setup of image adjustment. Up to eight settings can be saved as a preset, and recalled when needed.

Function Key

For convenient use, a frequently used function can be assigned to the Function key to select instantly.

Flip Function

Images can be flipped horizontally and vertically.

Still Image

It is possible to check with a still image against the current video.
The input video and memorized still image can be compared on the screen.

Touch Switch

A touch switch is fitted for easy operation.

* The picture is a composite image.

■ Specifications

LCD Panel Size	26-inch
Backlight System	LED
Display Size	576(H) × 324(V)mm
View Angle	178°(up&down / left&right)
Maximum Brightness	3D : 400cd/m² (Typical) 2D : 850cd/m² (Typical)
Contrast Ratio	1400:1 (Typical)
Pixels	1920(H) × 1080(V)va
Color Gradient	1,073,740,000
VIDEO Input	
Signal and Connector	composite (VBS) 1CH:BNC (with loop through)
	Y/C (S-VIDEO) 1CH:S terminal (with loop through)
RGB/Component Input	
Signal and Connector	R,G,B or Y,Pb,Pr 1CH:HD-15 [D-Sub 15pin] (with loop through)
DVI Input	
Signal and Connector	DVI-D (equipped with cable compensation equipment:Max.30m) 2CH:DVI-D 24pin Max. clock 162MHz (with loop through 1CH)
SDI Input	
Signal and Connector	3G-SDI (Level A)/HD-SDI/SD-SDI 2CH:BNC (with loop through 2CH)
3D display	Available for signals :1080i / 50, 60,1080P / 50, 60 Input : SDI / DVI Type of signals : Simul, Side by side (Half), Side by side (T2), Top and bottom, Line by line
DC5V Output	1A output
Safety Approval	ANSI/AAMI ES60601-1, CSA C22.2 No. 60601-1, EN60601-1, GB4943.1-2011
EMC	FCC Class A, VCCI Class A EN60601-1-2, GB9254-2008 (Class A) GB17625.1-2012
Power Requirement	Monitor : DC 24V ±1V AC adapter : 100 to 120V/200 to 240V
Power Consumption	100W or less
Ambient Temperature	+5°C to +35°C
Dimensions	W640 × H405 × D84mm (excluding protrusions)
Weight	approx. 8.3kg (excluding stand)

■ Available Display Signal for DVI-D/HD15 (D-Sub15p)
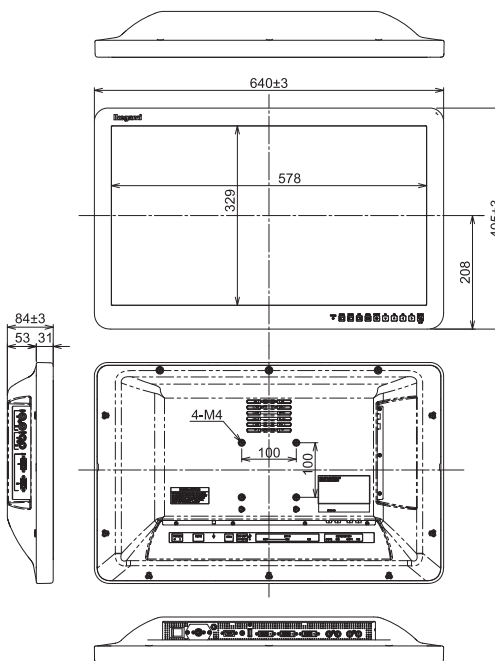
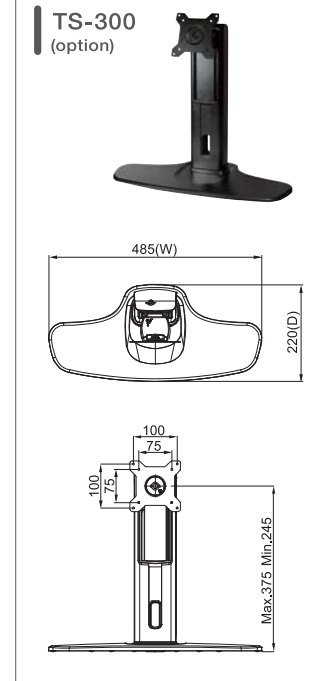|	
DVI-D	VGA, SVGA, XGA, SXGA, WUXGA 480i/60, 575i/50, 1080i/60, 1080i/50, 720P/60, 720P/50, 1080P/60, 1080P/50
HD15 (D-Sub15p)	VGA, SVGA, XGA, SXGA, WUXGA 480i/60*, 575i/50*, 1080i/60*, 1080i/50*, 720P/60, 720P/50, 1080P/60, 1080P/50

* Available for only G-Sync

Design and specifications are subject to change without notice.

■ Connectors

■ Dimensions (mm)

640±3
578
329
405±3
208
84±3
53 31
4-M4
100
100

TS-300 (option)

485(W)
220(D)
100
75
100
75
Max.375 Min.245

CE

U378A172-IB

ISO 9001   ISO 14001
Certified JQA-0755   Certified JQA-EM3888