

# Ikegami



Designed for Surgeons

[ 27-inch Medical Grade LCD Color Monitor ]

## MLW-2760C

Outstanding Imagery in the OR

Uncompromised Quality Meets Cutting-edge Technology

### High-Brightness, Excellent Color Reproduction

The MLW-2760C monitor utilizes an IPS panel with wide viewing angles and adopts an LCD panel with a maximum brightness of over 900cd/m<sup>2</sup>, enabling the display of exceptional images. It accurately reproduces the exact colors demanded by surgeons and professionals.

### Designed for Easy Cleaning

Featuring a sleek, gap-free design between the front bezel and LCD panel, and with no ventilation openings, it offers superior water resistance and easy cleaning.

With a resistance rating of IP45 equivalent for the front surface and IP32 equivalent for other surfaces (cable cover attached), MLW-2760C ensures durability and reliability in diverse environments.

### Direct External Output of Monitor Displayed Images

Capable of outputting the same image as displayed, including side-by-side pictures. This functionality proves highly convenient for tasks such as projecting video onto a secondary monitor or recording video for educational or academic presentations, ensuring effective and convenient operation. \*SDI Output only.

### VCCI Class B Compliant

The MLW-2760C is compliant with VCCI Class B standards, ensuring its safety and dependability in medical and healthcare applications.

### H.I.C.E. (Hyper Image Clarity Enhancer)

By incorporating Hyper Image Clarity Enhancer (H.I.C.E.) with cutting-edge video processing technology, the clarity of the displayed images can be significantly improved.

Powerful Features and Operational Flexibility for Medical Professionals

Multiple Viewing Modes

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



■ Side-by-Side



■ Picture-in-Picture

Flip and Turn Function

Images can be flipped horizontally and vertically.



■ Original Image



■ Flip + Rotation

User Preset Memory

Discover the convenience of the user preset function on this monitor, allowing effortless adjustment of display modes and image settings. Up to four settings can be saved as a preset, and recalled whenever required.

Function Key

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

Specifications

[Ratings & Performance]

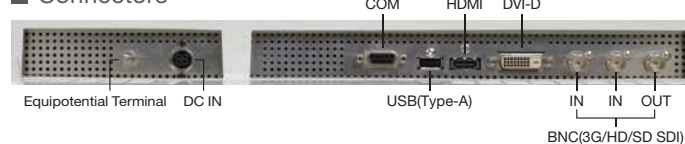
LCD Panel	LCD Panel Size	27-inch
	Backlight	LED
	Display Size	597.9 (H)×336.3 (V) mm
	Viewing Angle	178° or more (up&down/left&right)
	Maximum Brightness	900cd/m <sup>2</sup> typ. (Ta=25°C)
	Contrast Ratio	1000 : 1 typ.
	Resolution	Max. 1920 (H)×1080 (V)
Environment	Ambient Temperature/Humidity	+5°C~+35°C/30~80% (no condensation)
	Storage Temperature/Humidity	-20°C~+60°C/30~90% (no condensation)
	Power Requirement	DC IN : 24V (AC Adaptor)
Power	Power Consumption	65W
	DVI Input	Signal and Connector : DVI-D : 1CH
Interface	SDI Input	Signal and Connector : BNC : 2CH (SD-SDI/HD-SDI/3G-SDI Input)
	SDI Output	Signal and Connector : BNC : 1CH (Monitor-Out/Loop through)
	HDMI Input	Signal and Connector : HDMI : 1CH
	Serial Control	Connector and Function : 9pin D-sub (female), for external remote control
	USB 2.0	Connector and Function : USB (Type-A), for updating firmware (maintenance)
	Equipotential Terminal	
	DC IN	
	USB (Type-A)	
	IN IN OUT	
	BNC(3G/HD/SD SDI)	

[Format]

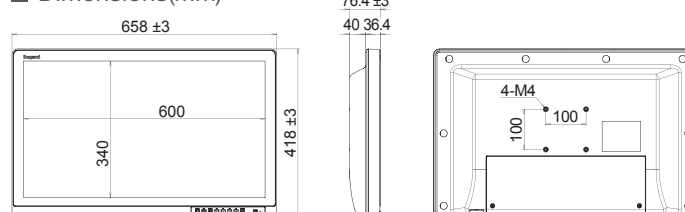
HDMI	480/59.94i, 575/50i, 480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p VGA, SVGA, XGA, SXGA, UXGA, WUXGA (Vf=60Hz)
DVI-D	480/59.94i, 575/50i, 480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p VGA, SVGA, XGA, SXGA, UXGA, WUXGA (Vf=60Hz) *Supports 8-bit only
SDI	480/59.94i, 575/50i, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p

\*For more details, please feel free to contact us.

Connectors



Dimensions(mm)



Accessories



\*It is used when attaching AC adaptor to monitor.

[Reliability & Safety]

Safety Approval	UL	ANSI/AAMI ES60601-1 CAN/CSA C22.2 NO.60601-1 : 14
	CE-safety	EN60601-1 : 2006+A1 : 2013+A12 : 2014+A2 : 2021
	MDR	Class I
EMC	FCC-PART15 :	Class B
	VCCI-CISPR 32 :	Class B
	CE-EMC	EN60601-1-2 : 2015

[Physical Properties]

Weight	approx. 8.0kg (excluding stand)
Dimensions	W658×H418×D76.4 mm
Mounting	100×100 mm VESA

[Accessories]

AC power code, AC Adaptor, Operation Manual, Screws for VESA

CAUTION: Please read the operation manual carefully before use.

- Although the LCD panel is made with highly precise technology, black pixels (missing pixels), bright pixels that remain constantly illuminated in red, blue, green, etc., and pixels that do not light up may be found on the screen. These pixels shall not be regarded as a failure.
- Displaying fixed bright images or still images for a long period of time, or using this unit continuously in a high temperature and humid environment may cause after-images or burn-in, and accelerate the aging process of the LCD panel. It is recommended not to display fixed bright images or still images continuously for a long time, or recommended to reduce the brightness to reduce these risks. Additionally, it is recommended to turn off the power when not in use.
- This product is not a medical device.

Design and specifications are subject to change without notice.

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