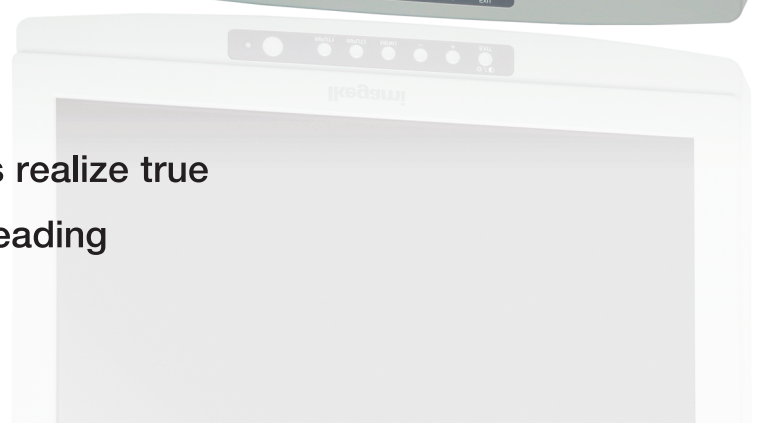


Ikegami

Medical Grade LCD Colour Monitors

MLM-1912C

MLM-1582C



The Ikegami Medical LCD monitors realize true colour images delivering industry leading medical image reproduction.

MLM-1912C / MLM-1582C



■ Natural colour reproduction

Ikegami monitors realize true colour reproduction which is required on the medical imaging field.

■ 10-bit signal input

10-bit signal input is available. * DVI-D is excluded.

■ 10-bit signal process engine

10-bit signal processing based on Ikegami image processing technology allows the smooth gradation of colour.

■ High speed response time

The monitor employs high speed response time and no afterimages appear with Ikegami superior filtering image processing.

■ Jaggy-less I/P conversion process

Ikegami unique Jaggy-less I/P conversion process enables the smooth and clear lines on the display.

■ Various Gamma Characteristics

Variety of Gamma setting can be set, including the Standard CRT Gamma of 2.2 and the DICOM Gamma.

■ Hue and Chroma setting for all kind of input signal

Colour can be adjusted flexibly for user's favorite by Hue and Chroma.

■ User memory

Maximum eight (8) settings can be set as preset. The parameter such as colour temperature, hue, chroma, gamma, R/G/B gain and display mode can be saved for each user or application.

■ Maximum 30 meters length of DVI-D cable available

Signal compensation function is installed and the signal degradation is prevented. Then, maximum 30 meters length of DVI-D cable can be used with the monitor.

■ VESA mount available

A variety of installation brackets for arms and walls can be chosen with the combination of VESA mount.

■ Anti-Reflection hard coat Screen

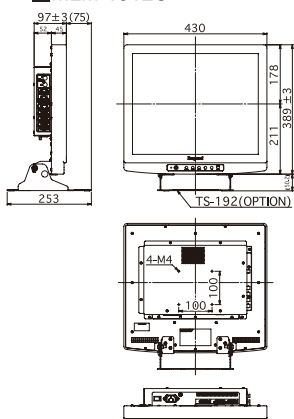
Anti-Reflection hard coat screen is installed as standard to reduce the effect of the reflection and to protect the LCD panel.

[SPECIFICATIONS]

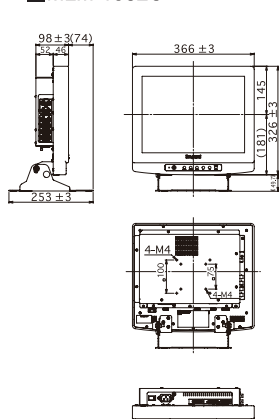
		MLM-1912C	MLM-1582C	
LCD Panel	Panel Size	19-inch	15-inch	
	Pixels	1280 x 1024	1024 x 768	
	Display Size	376 x 301 mm	304 x 228 mm	
	Aspect Ratio	5 : 4	4 : 3	
	Colour Gradient	8-bit x 3 (16.7M)		
	View Angle	178°/178° (Typical)		
Input Signal	SDTV	Analog	VBS x 1ch Y/C x 1ch RGB or Y/Pb/Pr x 1ch	
		Digital	Multi-SDI x 1ch (Option)	
		HDTV	Analog	RGB or Y/Pb/Pr x 1ch
		Digital	Multi-SDI x 1ch (Option)	
	PC	DVI	DVI-D x 1ch	
		RGB Analog	HD15P D-Sub x 1ch	
Supported Resolution		VGA to SXGA		
General	Remote Terminal	Parallel/Serial		
	Resolutions (TVL)	1000 TV Line or more (at component input)		
	Maximum Brightness	270cd/m ²	430cd/m ²	
	Contrast Ration	800:1 (Typical)	450:1 (Typical)	
	Safety Approval	UL60601-1, CSA22.2No.601, EN60601-1		
	EMC Approval	FCC Class A, EN60601-1-2, VCCI Class A		
	Power Requirement	AC100V to AC120V, AC200V to AC240V		
	Power Consumption	54W Max.		
	Operation	Temperature	5 to 35°C	
		Humidity	30 to 80% (non condensing)	
	Storage	Temperature	-20 to 60°C	
		Humidity	30 to 90% (non condensing)	
		Dimensions (excluding stand and protrusions)	W430 x H389 x D97mm	W366 x H326 x D98mm
		Weight (excluding stand)	6.0kg or less	4.7kg or less
Accessories	AC Power Cable , manual			

[Dimensions : mm]

■ MLM-1912C



■ MLM-1582C



[Applicable Video Input]

	Input Signal Format	
Video/S-Video	BNC x 1, S-Video x 1 480/59.94i 575/50i	Loop Through
Component	BNC x 4 480i,575i,480P,575P, 720/50P,720/60P,1080/60i,1080i/50i	Y/Pb/Pr or RGB Loop Through
PC	RGB/HsVs 480/60i,575/50i,720/50,60P,1080/50,60i,15pin D-sub,VGA,SVGA,XGA,SXGA	Y/Pb/Pr or RGB
DVI-D	DVI-D x 1 480/60i,575/50i,720/50,60P,1080/50,60i,1080/50,60P VGA,SVGA,XGA,SXGA	Y/Pb/Pr or RGB
SDI (option) (MLM-1912C only)	BNC x 1 SDTV:480/60i,575/50i HDTV:720/50P,720/60P,1080/60i,1080/50i	Loop Through

* G-Sync Only.

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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U204A116-ED1

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