

## MLM-1581CH

### HIGHT RESOLUTION MEDICAL 15" COLOUR LCD MONITOR



The MLM-1581CH is a multi-format 15 inch LCD monitor for easy operation with higher performance. This compact, light weight LCD monitor is an ideal tool for obtaining the highest performance in this class with 1024(H) x 768(V) XGA panel in a limited space. This LCD panel monitor comes equipped all the useful features such as high speed response, jaggy-less, non-serrated smooth picture with natural colour, carious analogue and digital inputs. User friendly preset features and others such as 100mm VESA mount provision, Anti-reflection hard coat screen are standard.

#### FEATURES

##### **Strong, Rugged construction, but Light in weight**

MLM-1581CH is designed to withstand harsh applications and environments for a long service period. Built with a storing Aluminium Ally frame body for easy handling in setup and also for a good anti-radiation performance

##### **High Resolution faithful colour Reproduction**

MLM-1581CH employ a high quality LCD panel of high resolution with very natural colour reproduction capability, enhanced video quality is achieved by newly employed powerful signal process engine.

##### **High Performance from New Digital Process Engine**

Easy viewing is assured with a smart digital process, compensating for, digital jaggy-free lines in an interlace-progressive conversion, irritating glare from differences in each pixel and general noise generation especially in dark areas.

##### **Very Wide Viewing Area with High Contrast**

Both 178 degrees, Vertical and Horizontal viewing angles are achieved ensuring much easier viewing of the panel from different positions with a high screen contrast ratio.

##### **Various Gamma Characteristics**

5 different Gamma characters can be set, including the standard CRT Gamma of 2.2, the DICOM Gamma and so on.

##### **VESA Mount**

As it has 100m VESA Mount, it can install with various VESA Mount Adaptor.

##### **LSD Protection Panel (option)**

An antireflection type of LCD Protection Panel is available as an option.

## SPECIFICATION

LCD Diagonal Size	15", 304mm(H) x 228mm(V)
Pixels	1024(H) x 768(V)
Brightness	400cd/m <sup>2</sup>
Contrast Ratio	500:1
Viewing Angle (L/R)	178°
Viewing Angle (U/D)	178°
Input Video Signal	
PAL/NTSC (Analog)	(Standard)
Signal and connector	VBS x 1ch : BNC (with loop through out) Y/C x 1ch :S-terminal (with loop through)
Level	V:0.7Vp-p, S:0.3Vp-p
RGB and Component (Analog)	(Standard)
Signal and connector	Y,Pb,Pr, C-Sync x1ch, BNC (with loop through out)
Level	V:0.7Vp-p, S:0.3Vp-p
C-Sync	1-2Vp-p
Impedance	75 ohms ±1%
PC (Analog)	(Standard)
Signal and connector	RGB Hs, Vs x 1ch : D-SUB 15pin
Level	V:0.7Vp-p, Hs, Vs:TTL
Impedance	V: 75 ohms ±5%   Hs, Vs: 1K ohms ±5%
Multi-format SDI	(Nil)
Signal and connector	(Nil)
DVI (Digital)	(Standard)
Signal and connector	DVI-D
Max. Clock	108MHz
Power supply voltage	AC100 to 120V, AC200 to 240V
Power frequency	50/60 Hz
Power consumption	60W or less
Ambient temperature/Humidity	+5° to +35°C / 30 to 80% Non condensation
Dimensions	W366xH320xD102mm (excluding stand and protrusions)
Weight	Approx. 6.0 kg
Options	TS-191 Desktop Stand

## COMPLIANCE & CERTIFICATIONS

Safety Approval	Comply with UL60601-1, CSA C22.2 No.601.1(cUL) and EN60601-1
EMC	Comply with FCC Class A, EN60601-1-2 and VCCI Class A
CE Marking	93/42/EEC(MDD) , 2007/47/EC, Class I Medical Device

## INPUT SIGNAL

NTSC/PAL (Analog)	VBS (BNC), Y/C (S-Terminal):480i (NTSC), 575i (PAL-B) (Standard)
Component (Analog)	R/G/BC-Sync, Y/Pb,Pr/C-Sync (BNC):480i, 575i, 480p, 575p, 720p, 1080i (Standard)
PC (Analog)	R/G/B/Hs/Vs(D-SUB, 15pin):VGA, SVGA, XGA, SXGA (Vf=60Hz) (Standard)
PC (Digital)	DVI-D (DVI): VGA, SVGA, XGA, SXGA (Vf=60Hz) (Standard)
Multi-SDI (Digital)	- Nil