
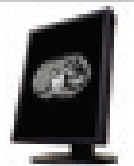
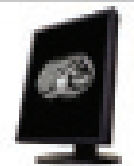
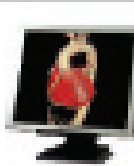




VIEW MASTER® Monochrome Series SPECIFICATIONS

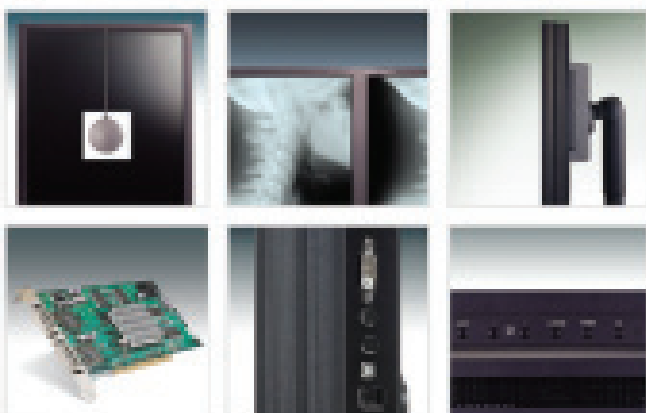
	VM-2102M	VM-2103M	VM-2005M	
Panel				
Panel	Size & Type	21.3" TFT active matrix		
	Display Size	4096 x 2448 pixels		
	Brightness	1000 cd/m <sup>2</sup>	900 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>
	Resolution	1768 x 1024		
	Pixel Pitch	0.27mm x 0.27mm	0.275mm x 0.215mm	0.275mm x 0.215mm
	Contrast Ratio	700:1		600:1
Resolution	Horizontal	1600 x 1200	2048 x 1536	2048 x 1536
	Vertical	1200 x 900	1536 x 2048	1536 x 2048
Resolution Display	1600/2048 by 1200/1536/2048 (11.8M pixels)			
Input & Output	Built-in server for DIC system			
Input Digital	DVI standard 1.0			
Serial Port	RS-232C			
USB Port	Up Stream, Down Stream			
User Control	OSD Control			
Plug & Play	MVA DDC5B			
Power AC Input	100-240VAC, 50/60Hz, Built-in SMPS			
Power Consumption	60W	60W	70W	
Power Saving Mode	Idle, Off, Sleep			
Regulatory Approval	FCC Part 15C2			
	UL 88, FCC4, CE CCC RoHS-1, CE EN60601-1 A0, IEC 60601-1 A23, CE			
MVA Builders Mounting	RESA Standard 1.0mm 30mm			
Mechanical Feature	High Ambient Temperature			
Dimension (without stand) (W x H x D)	316 x 262 x 34"		173 x 161 x 37"	
Weight (kg)	25	25	25	
Optical Test	Calculator Photo viewer at Full Resolution On			
Compatible OS	All major Windows XP, Vista			
	VM-2102M is a single panel grayscale LCD monitor for the diagnostic medical viewing. The monitor provides high brightness of 1000cd/m <sup>2</sup> and is used for CT and MR and for image display of PACS server.	VM-2103M is a single panel grayscale LCD monitor for the diagnostic medical viewing. The monitor provides high brightness of 900cd/m <sup>2</sup> and is used for CT and MR and for image display of PACS server.	VM-2005M is a single panel grayscale LCD monitor and is used for professional medical viewing of PACS. Also, it is suitable for mammography diagnostic display. The MVA LCD monitor design and the 11.8M pixel resolution is available for dual view system.	

VIEW MASTER® Color Series SPECIFICATIONS

	VM-1913C	VM-2102C	VM-2103C	
Panel				
Panel	Size & Type	21.3" TFT active matrix		
	Display Size	4096 x 2448 pixels		
	Brightness	1000 cd/m <sup>2</sup>	2048 cd/m <sup>2</sup>	2000 cd/m <sup>2</sup>
	Resolution	1768 x 1024		
	Pixel Pitch	0.27mm x 0.27mm	0.275mm x 0.205mm	0.275mm x 0.215mm
	Contrast Ratio	600:1		400:1
Resolution	Horizontal	1600 x 1200	2048 x 1536	2048 x 1536
	Vertical	1200 x 900	1536 x 2048	1536 x 2048
Color Depth	16.7M Color (Native color)			
Input Digital	RGB-Analog, DVI standard 1.0		DVI standard 1.0	
Serial Port	None	RS-232C		
USB Port	None	Up Stream, Down Stream		
Star Control	Active	OSD Control		
Plug & Play	VESA DDC5B			
Power AC Input	100-240VAC, 50/60Hz, Built-in SMPS			
Power Consumption	60W	70W	60W	
Power Saving Mode	Idle, Off, Sleep			
Regulatory Approval	FCC class B2C			
	UL 88, FCC4, CE CCC RoHS-1, CE EN60601-1 A0, IEC 60601-1 A23, CE			
MVA Builders Mounting	RESA Standard 1.0mm 30mm			
Mechanical Feature	High Ambient Temperature			
Dimension (without stand) (W x H x D)	316 x 262 x 34"		173 x 161 x 37"	
Weight (kg)	25	25	25	
Environmental	Operating	Temperature: 0°C to 40°C Humidity: 10% to 90%		
	Storage	Temperature: 0°C to 60°C Humidity: 10% to 90%		
	VM-1913C is a digital TFT LCD Monitor for the professional. With the addition of the wide viewing angle and 6mm/sec. ActiveMatrix Super TFT LCD panel, the VM-1913C has reduced the glare irregularity. The display has a conventional design and low power consumption.	VM-2102C is designed to capture crystal clear image quality. The VM-2102C provides high brightness and its color of 400cd/m <sup>2</sup> with 16.7 million color depth. Its compact and sleek design makes the VM-2102C easy to handle use.	Perfect for medical display, design class of high resolution, the VM-2103C is available. The 2048x1536 pixels high resolution and 16.7 million color depth. With a conventional and sleek design, you can make the full use of your working space.	

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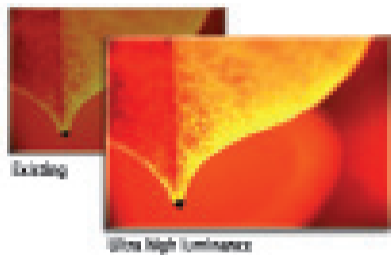
VIEW MASTER®

View Master® Radiographic display, combining state-of-the-art technologies offers unparalleled image quality, and allows the most accurate diagnosis for a multitude of medical imaging applications including CT, MR, and for PACS image display are designed. View Master series displays to allow more precise analysis of the images to the professionals. Point A Technologies, Inc. is proud to launch its View Master series in recent ergonomic design with the biggest display size available in today's market. High brightness is contained with low energy consumption.



### Ultra high luminance

High brightness 1800/1600cd/m<sup>2</sup>  
Professional high-resolution image with more accuracy and clarity.



### White calibration function

Equal brightness on all the monitors can be maintained when dual, quad & double-quad are organized (2+2/4/8 heads). Functionally matching the difference of luminance according to the changing characteristics of LCD panel and B/L.

- Maintaining smooth movement of SAC minimizing the difference of BLU sensor and photo sensor.
- Preset luminance by OSD is available without any limitation.
- Possible to control brightness of monitor without any extra communication cable by calibration I/F and internal DDC.



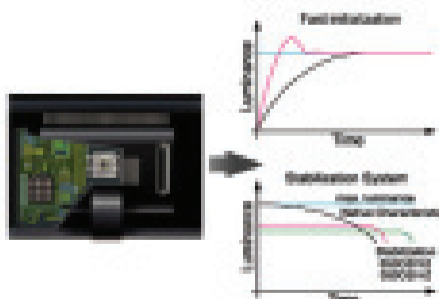
### Excellent 10-bit(1021 tones) grayscale display

Look up table controlling functionality is loaded inside the display and it is calibrated to input the gray level which is divided to 10 bit. Thanks to this system precise and smooth gray level is expressed and at the same time dithering capability is improved and highly precise color calibration is available.



### Stable Brightness Control

Change of luminance according to the temperature is compensated by the brightness stabilization circuit. Your targeted luminance is achieved quickly using the brightness stabilization system and it is maintained continuously in a fixed target luminance. It helps to extend the life time of the back light.



### Ultra power saving mode

All the DR (power management system/DPM). View Master series features of power saving mode is less than 2W. Interval PMS is feature as well.

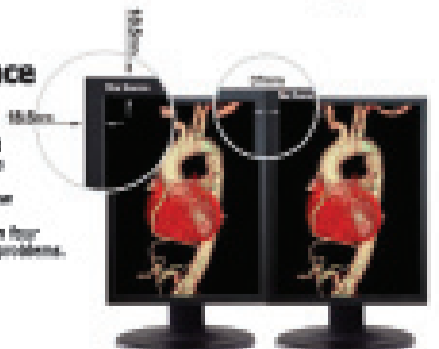


### Auto portrait display system

View Master series does not need any manual operation as the rotating direction is applied recognizing the portrait and landscape automatically. Eliminating the slow starting speeds caused by use of special software.

### Narrow bezel design for space saving

Width of 18.5mm bezel makes the total design smart and simple. It also makes watching the screen easy and saves much more space, which is one of the important advantages of an LCD monitor. For a multi-display, narrow bezels are essential for space saving. View Master series bezel size of front frame is 18.5mm four sides. It is less likely to cause eye strain and other visual problems.



### Calibration software for DICOM compliance

A photo-sensor and calibration software can control gamma value correction and luminance level for smooth images. As an operating result, the screen performance complies with DICOM Part 14 standards.

