

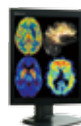
Specifications

Single 4MP viewing mode & Dual 2MP viewing mode Available

4MP



3MP



Super High Brightness

2MP



Super High Brightness

Model	MMD-4300C	MMD-3213CH	MMD-2213CH
Drive system		a-Si TFT active matrix	
Display area (H x V)	641.3 mm x 400.8 mm	433.2 mm x 324.9 mm	432.0 mm x 324.0 mm
Diagnol size of display	75.6 cm (30.0 inches)	54 cm (21.3 inches)	54 cm (21.3 inches)
Resolution (H x V)	2560 x 1600	2048 x 1536	1600 x 1200
Display color		16,777,216 colors	
Pixel pitch (H x V)	0.2505 mm x 0.2505 mm	0.2115 mm x 0.2115 mm	0.270 mm x 0.270 mm
Sub-pixel pitch (H x V)	0.0835 mm x 0.2505 mm	0.0705 mm x 0.2115 mm	0.090 mm x 0.270 mm
Pixel format		RGB (Red dot, Green dot, Blue dot) vertical stripe	
Luminance-max.	370 cd/m ²	800 cd/m ²	950 cd/m ²
Luminance calibrated-max.	250 cd/m ²	550 cd/m ²	550 cd/m ²
Contrast ratio	1000:1 (typical)	750:1 (typical)	900:1 (typical)
Viewing angle	Right/Left: 178° Up/Down: 178°	Right: 85°, Le ft: 85°, Up: 85°, Down: 85° (10:1 contrast)	Right: 85°, Le ft: 85°, Up: 85°, Down: 85° (10:1 contrast)
Response time (Ton+Toff)	12 ms (typical)	24 ms (typical)	25 ms (typical)
Polarizer surface/hardness	Antiglare/ 3H	Antiglare/2H	Antiglare/2H
Backlight	16 CCFL	16 CCFL	16 CCFL
Default gamma		Gamma 2.2	
LUT		10-bit for each RGB	
Signal input	Master : Dual link DVI-D (digital) Slave: Single link DVI-D (digital)	Dual link DVI-D (digital)	Single link DVI-D (digital)
USB 2.0 hub		1 upstream/ 2 downstream	
Membrane keypad		Yes	
Power adapter Input voltage range		100VAC-240VAC	
Power adapter Input frequency range	47Hz-63Hz	50Hz-60Hz	50Hz-60Hz
Power adapter input AC current	2.0A max. at 90VAC	1.0A-2.0A	1.0A-2.0A
Power adapter Power output	24VDC, 6.25A, 150W(max)	24VDC, 4.6A, 110W(max)	24VDC, 4.6A, 110W(max)
Physical dimensions (H x W x D)	With stand: 522 mm x 736 mm x 266 mm (landscape) Without stand: 480 mm x 736 mm x 76 mm (landscape)	With stand: 520 mm x 380 mm x 274 mm (portrait) Without stand: 485 mm x 380 mm x 100 mm (portrait)	With stand: 520 mm x 380 mm x 274 mm (portrait) Without stand: 485 mm x 380 mm x 100 mm (portrait)
Adjustable height range (with stand)	N/A	Portrait: 520 mm ~590 mm Landscape: 465 mm ~ 535 mm	Portrait: 520 mm ~590 mm Landscape: 465 mm ~ 535 mm
Weight (with stand)	15 kg	13.2 kg	13.2 kg
Operating temperature		10°C~35°C	
Storage temperature		0°C~45°C	
Operation relative humidity		30% ~75% Non-condensing	
Storage/ Transportation relative humidity		10% ~95% Non-condensing	
Approvals		UL 60601-1, CE(EN 60601-1-2), FCC Part 18, VCCI, BSMI and CCC	

Graphic Card Compatibility



	QUADRO FX1700	QUADRO FX1500	GeForce 9600GT	GeForce 8600GT	FireGL V7100	FireGL V3400
Bus Interface	PCI Express x 16	PCI Express x 16	PCI Express x 16	PCI Express x 16	PCI Express x 16	PCI Express x 16
Memory Size	512 MB	256 MB	512 MB	256 MB	256 MB	128 MB
Display Connectors (*DVI-DL: DVI-Dual link) (*DVI-SL: DVI-Single link)	2 x DVI-DL	2 x DVI-DL	2 x DVI-DL	2 x DVI-DL	1 x DVI-DL 1 x DVI-SL	1 x DVI-DL 1 x DVI-SL
Resolution	Up to 3840 x 2400	Up to 3840 x 2400	Up to 3840 x 2400	Up to 3840 x 2400	Up to 3840 x 2400	Up to 3840 x 2400

Ordering Information

4MP MMD-4300C	4 megapixel, 30" color LCD monitor with IPX2 housing
4MP MMD-4300CX	4 megapixel, 30" color LCD monitor with IPXX housing
3MP MMD-3213CH	3 megapixel, 21.3" color LCD monitor
2MP MMD-2213CH	2 megapixel, 21.3" color LCD monitor

Packing List

PACsmate® Series medical LCD monitor
Monitor stand
Power Cord (US x 1, EU x 1)
Power Adapter
Dual-Link DVI-D Signal Cable
USB Cable
Utility CD-ROM
(for user's manual and software utility)

1

Automation

2

Point of Service

3

Digital Signage

4

RISC-based Solutions

5

Medical Solutions