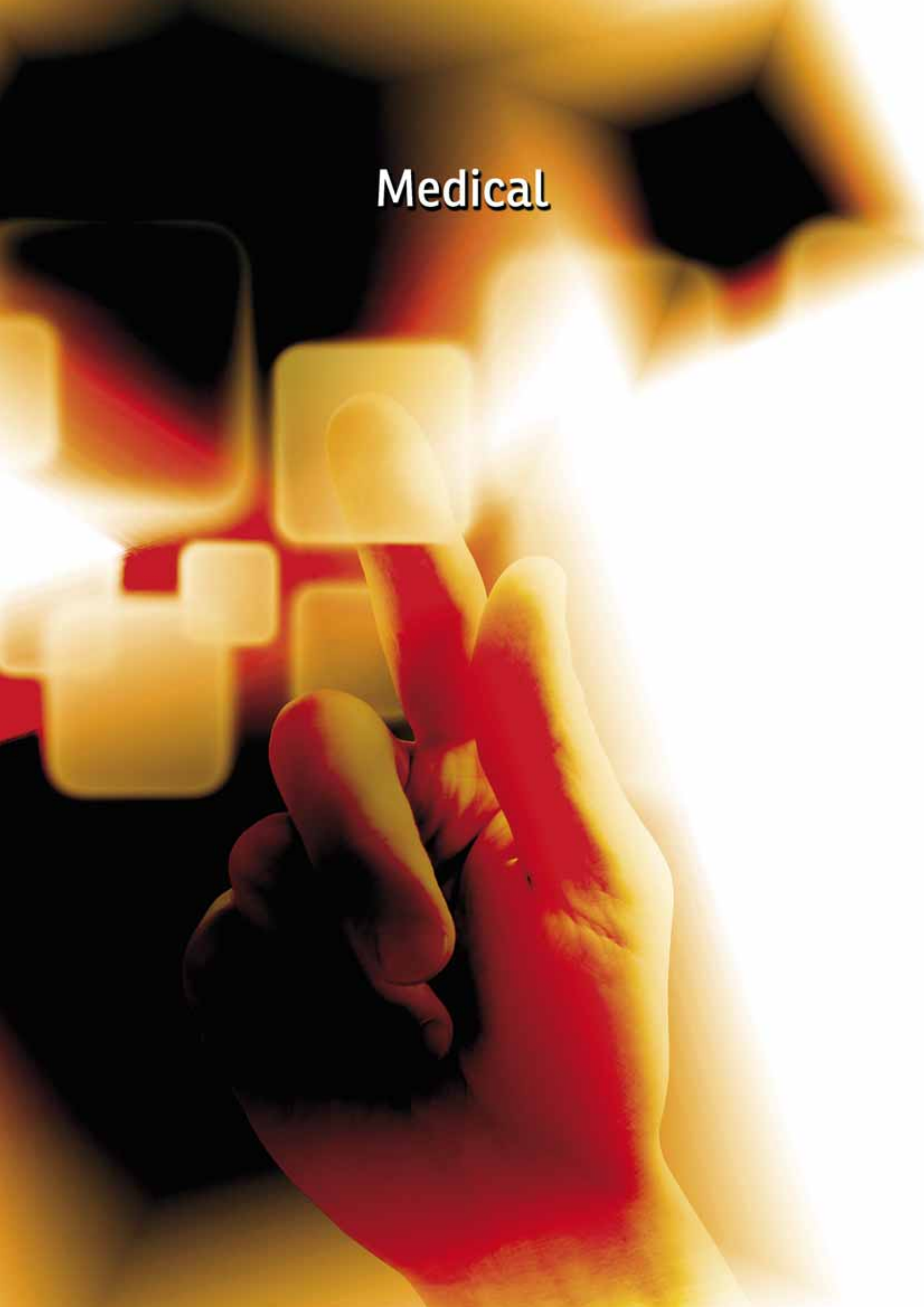
Medical

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Replacement / Patient Monitoring / Modality LCD Series

15" 17" 19"

Model / Type	MD-DFM152	MD-DFM172	MD-DFM192
LCD size	15" / 38.1 cm	17" / 43.2 cm	19" / 48.3 cm
VESA standard resolution	1024 × 768	1280 × 1024	
Custom resolutions	1024 × 512		
Pixel pitch	0.297 mm	0.264 mm	0.294 mm
Brightness (typ.)	250 cd/m²	300 cd/m²	
Contrast ratio (typ.)	400:1	800:1	1000:1
Response time (typ.)	16 ms	5 ms	20 ms
Viewable area	304.1 × 228.1 mm	337.9 × 270.3 mm	396.3 × 301.0 mm
Viewing angle (H × V)	120° / 120°	160° / 160°	178° / 178°
Display colours	16.7 M		
Input signal	Analog / DVI-D		
Input connector	15 pin D-Sub / DVI-D		
Power supply input (external)	100 - 240 V @ 50/60 Hz		100 - 250 V @ 60/50 Hz
Power supply output (external)	12 V / 3.0 A max.	12 V / 4.16 A max.	12 V / 5.0 A max.
Power consumption	27 W	40 W	60 W
Tilt stand	included		
Dimensions with stand (H × W × D)	365 × 375 × 210 mm	467 × 432 × 251 mm	
VESA mounting	75 mm	100 mm	
Gross weight	5.3 kg	9.4 kg	9.94 kg
Speakers	integrated		
Enclosure colour options	beige		
Certifications	UL/CSA 60950-1, UL/CSA 60601-1, CE, FCC-B, EN60601-1		
Options	Protective shield, resistive touch, IPX1, Video		

DATA SHEET

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Colour Medical Displays in Wide Format

22" 24" 27"

DATA SHEET

Series Model / Type	MD-VA22-TR	MD-VA24-xx	MD-VA27-xx
Size	22" / 55.9 cm	24" / 61 cm	27" / 68.6 cm
Active area (H × V)	473.8 × 296.1 mm	531.36 × 298.89 mm	597.6 × 336.15 mm
Resolution (optimal)	1680 × 1050	1920 × 1080	
Number of pixels	1.8 MP	2 MP	
Pixel pitch	0.280 mm		0.310 mm
Display colours	16.7 M		
Brightness	300 cd/m² (typ.) w/o touch screen	300 cd/m²	
Contrast ratio	1000:1 (typ.) w/o touch screen	1000:1	
Viewing angle (H × V)	178° / 178°	170° / 160°	
Response time typ.	20 ms	5 ms	
I/O ports	D-Sub 15pin (analog) DVI-D (digital)		
Power consumption	68 W	tbd.	tbd.
MTBF backlight	50,000 h	tbd.	tbd.
Dimensions (W × H × D) w. stand	513 × 385 × 180 mm	576 × 413 × 192 mm	648 × 435 × 192 mm
Weight	7.3 kg	7.0 kg	8.2 kg
Ergonomy	tiltable		
Options	protective shield	protective shield, LED backlight	
Approvals	UL60601-1, EN60601-1, CE	CE, FCC, UL/CUL	
Misc.	Integrated 5 wire resisitve touch screen, RS232 internal power supply IPX1 housing integrated speakers	Medical approvals on request! integrated speakers	

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42" Surgical LCD for Operating Theaters

42"

Series Model / Type	Surgical Colour LCD MD-CP42AU-MED2	Surgical Colour LCD MD-CP42AUPG-MED
Size	42" / 106.7 cm	
Active area (H × V)	930.2 × 523.3 mm	
Resolution	1920 × 1080 / HDTV	
Number of pixels	2 Megapixel	
Pixel pitch	0.485 mm	
Display colours	16.7 M	
Brightness	700 cd/m² typ., calibrated brightness 300 cd/m²	
Contrast ratio	2500:1 typ.	
Response time	6.5 ms	
Viewing angle (H × V)	178° / 178°	
I/O ports	DVI-I, DVI-D (digital), RS232 remote control Composite video, S-video, RGB, YPbPr, HD-SDI	HDMI, DVI, VGA, RS232 remote control Composite video, S-video, RGB, YPbPr, HD-SDI
Power consumption	approx. 270 W	
MTBF backlight	50,000 h	
Dimensions (W × H × D)	998.0 × 591.0 × 113.4 mm (chassis w/o VESA adapter)	
Weight	34.4 kg (w/o VESA adapter)	
Options	Touch screen, AFS (Add on Front Sensor), VESA adapter	
Misc.	Integrated protection glass, IP54 front side; DICOM® preset; Outputs: Composite video, S-video, RGB, YPbPr, HD-SDI	Integrated protection glass, IP54 front side, IPX1 housing; DICOM® preset; Outputs: Composite video, S-video, RGB, YPbPr, HD-SDI
Approvals	EN60601-1, CE	
Comment	MD-CP42AU-MED2: EOL Q1/2011 ➞ successor MD-CP42AUPG-MED	

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24" Endoscopy LCD

24"

Full IP65 glass front

Interfaces

DATA SHEET

Features

- Full IP65 protected glass front
- Input source selection with soft touch buttons on the front side
- Programmable user preferences
- RS232 remote control
- Auto new timing search for VGA and RGB input
- Picture in picture and picture by picture
- DICOM® gamma correction for viewing PACS images
- Comprehensive image setting features like colour temperature and gamma correction
- Advanced image processing algorithms such as noise reduction and motion adaptive deinterlacing
- Loop through for all video signals
- High quality BNC connectors for video signals prevent loosing of the cables by oversight
- External 24V DC power supply or internal 110-230V AC power supply
- VESA 100 mounting
- Medical safety and EMC approvals

Model / Type	MD-DFM24ENDO
Panel size/type	24" TFT active matrix LCD, anti-glare and hard coated
Pixel pitch	0.270 mm
Resolution	1920 × 1200
Response time	13 ms typ.
Contrast ratio	700:1 typ.
Brightness	400 cd/m² typ.
Viewing Angle (H / V)	178° / 178°
Dsiplay colours	16.7 M
Active display area	518.4 × 324.0 mm
Digital input	Standard DVI/HDMI connector
Analog input	Video: 0.7Vpp/75 ohm, Sync: Separate TTL level. Composite Sync or sync on green, Hor: 30~92 KHz, Ver: 50~85 Hz
Signal input connectors	VGA / DVI / HDMI / Composite/S Video/RGBS (or Y PbPr) / SDI-HD, RS232 remote control
Signal output connectors	Composite/S Video/RGBS (or Y PbPr) / SDI-HD
Plug & play	VESA DDC2B
Options	Tilt, swivel and height three ways adjustable stand base
Dimensions (W × H × D)	603.6 × 425 × 251 mm
Weight	Net: 12 kg
Power supply	Internal power supply input: 100~250Vac, 3A, 60/50Hz or external AC/DC adaptor input: 100~250Vac, 3A, 60/50Hz, universal Output: 24V, 6.2A.
Power consumption	On:<100 W; active off: <5 W.
Agency approval	UL60601-1, CSA C22.2 NO. 601.1, CB (IEC60601-1) FCC, CE
Availability	Q1/2011

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19" Endoscopy LCD

19"

Series Model / Type	Endoscopy LCD MD-DFM19HBV-SDI / MD-DFM19HBV-HDI
Size	19" / 48.3 cm
Active area (H × V)	376 × 301 mm
Resolution	1280 × 1024 / SXGA
Number of pixels	1.3 Megapixel
Pixel pitch	0.294 mm
Display colours	16.7 M
Brightness	300 cd/m² typ.
Contrast ratio	600:1 typ.
Response time	12 ms
Viewing angle (H × V)	178° / 178°
I/O ports: MD-DFM19HBV-SDI I/O ports: MD-DFM19HBV-HDI	D-Sub 15 pin (analog), DVI-D (digital), Composite video, S-video, RGB, YPbPr, SD-SDI DVI-D (digital), DVI-I, Composite video, S-video, RGB, YPbPr, HD-SDI
Power consumption	On: < 65 W; active off: < 5 W
MTBF backlight	50,000 h
Dimensions (W × H × D)	432 × 467 × 251 mm
Weight	9.7 kg
Options	Stand base
Approvals	FCC, CE, cUL, TÜV-GS, cUL60601-1, EN60601-1
Misc.	Integrated protection glass, IP X1, without stand base

DATA SHEET

Features

- Excellent colour rendering images
- User-friendly OSD wheel button
- Multi-language OSD menu
- Protection glass and IPX1 to reduce infection risk

OSD button

interfaces

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18" / 19" Multi-Modality Display

18" 19"

DATA SHEET

Series Model / Type	Multi-Modality-Replacement LCD FP1800MBNC	Modality Colour LCD
Size	18.1" / 46 cm TFT	19" / 48.3 cm TFT
Active area (H × V)	359 × 287 mm	396.3 × 301 mm
Resolution	1280 × 1024 / SXGA	
Number of pixels	1.3 Megapixel	
Display colours	256 grey scale mono	16.7 M colour
Brightness	700 cd/m² typ.	300 / 600 cd/m² typ.
Contrast ratio	550:1 typ.	1000:1 typ.
Viewing angle (H × V)	170° / 170°	178° / 178°
I/O ports	Analog input : D-Sub 15 pin ×1, BNC ×3 (Video, H-Sync, V-Sync), S Video ×1, Composite or Y CbCr ×1, serial port ×1	
Power consumption	On: < 60 W; active off: < 8 W	tbd.
Dimensions (W × H × D) w/ stand	467 × 432 × 251 mm	
Weight	10.9 kg	10.9 kg
Misc.	Multiple timings in one display, multi-resolution LCD with analog inputs, designed to work with current or legacy systems	DICOM® ready
Approvals	UL60601-1, CSA, TÜV, GS, FCC, VCCI, CE	UL60601-1, CSA, TÜV, GS, FCC, VCCI, CE
Options	Integrated protection glass, IP X1, without stand base	

Multiple Timings, One Display

This multi-resolution (up to 1280 × 1024) LCD with analog video inputs is unique. Unlike most digital flat panel displays, the **FP1800MBNC** will work effectively with most current and legacy modality systems. It is pre-programmed with dozens of standard analog video timings for medical applications. And more are being added all the time*.

Upgrade or Replace

The **FP1800MBNC** bridges the gap between original CRT monitors and current digital LCD technology. Now you can upgrade your monitors without replacing your entire analog system. There's no need to change video cards, cameras or other external hardware.

* Canvys may also be able to custom program a matching signal to your legacy system based on the manufacturer, part number and / or system application. Please contact your local Canvys representative to verify the compatibility of your timing's requirements.

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Customer information	Please provide complete information.
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City / State / Zip code	
Country	
Firstname	
Surname (Last Name)	
Position (Title)	
Phone	
Fax	
Email address	
Web address	

❑ Request for quotation:		Please submit me an offer for the following products:		
Model / Type	On page	Product or description	Desired options	Quantitiy

Notes (e.g. description of your application)

❑ Please select here if you no longer prefer to receive communications from Canvys

FAX RESPONSE

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