



# Dell Medical Review Monitors MR2416 & MR2217

Cleanable, DICOM calibrated, and aligned with infection control initiatives for your dental practice

## Aligned with infection control initiatives

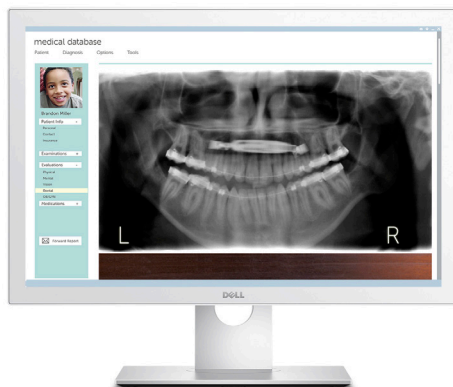
Designed to help you safeguard against infections.

- Easily detect blood stains and contaminants on its light colored exterior.
- Cleanable with a smooth and fully sealed design that is IP-32 rated (MR2416 only).
- Withstands cleaning agents of up to 75% concentrated ethyl alcohol solution.††

## Improved healthcare efficiency

Built for quick and easy use in point of care settings.

- Meets medical design standards and safety requirements for medical electrical equipment with IEC 60601-1 compliance.
- Cables are kept secured and fastened to the monitor with an active screw-on cable clip.
- View images with great flexibility thanks to full adjustability features.



Dell Medical Review 24 Monitor — MR2416



Dell Medical Review 22 Monitor — MR2217

## Superior viewing experience

The Dell 24 Dental Monitor is ready when you need bright, sharp and consistent images for clinical consultation.

- View accurate and consistent DICOM-ready images right out of the box for clinical review. (Not designed or intended for use in primary medical image interpretation, diagnosis or active patient monitoring.)
- Get consistent monitor brightness over its life cycle with backlight stabilization control.
- Offers consistent colors across an ultrawide 178°/178° viewing angle.
- 24-inch screen and 16:10 aspect ratio VESA mountable for use on mounts, booms and overhead tracks.

## Unmatched reliability

Comes with Dell's high reliability promise.

- Minimize medical downtime and IT support with 3 years Advanced Exchange Service.<sup>2</sup>
- ISO13485 certified to meet regulatory requirements for the design, development and support of medical displays.<sup>5</sup>
- Enjoy high reliability from the world's number 1 monitor brand for 3 consecutive years and number 1 brand in North America for 16 consecutive years.\*

MR2416 has been awarded:



reddot award 2016  
winner



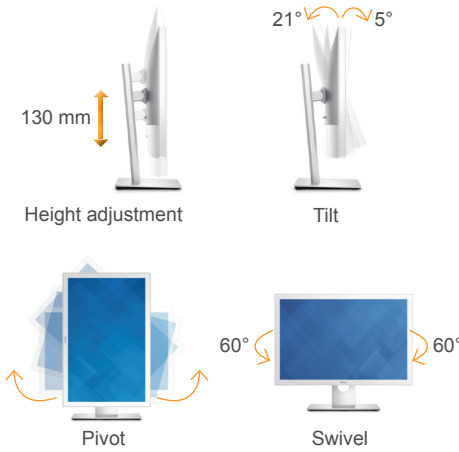
COMPUTEX  
d&i awards 2016  
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Thank you  
for making  
Dell Monitors

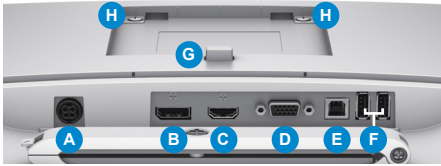
#1  
worldwide\*



Easily adjust the panel to review records and images according to your needs.



### Connectivity



- A** DC power connector
- B** DisplayPort
- C** HDMI
- D** VGA
- E** USB upstream
- F** USB downstream (2)
- G** Stand release button
- H** Stand mounts
- I** Active cable clip



### What's in the box?

#### Components

- Monitor panel
- Stand (riser and base)
- Cable cover

#### Cables

- Hospital grade power cord (green dot)
- Power adapter (Medical approved +19VDC power adapter)
- DisplayPort, VGA, HDMI cables
- USB 2.0 upstream cable (enables the USB ports on the monitor)

#### Documentation

- Drivers and documentation media (CD)
- Quick setup guide
- Safety and regulatory information

Dell recommends that customers dispose or recycle used computer hardware in an environmentally sound manner. For more information, please visit: <http://www.dell.com/recycle>



## Dell Medical Review 24 Monitor | MR2416 and Dell Medical Review 22 Monitor | MR2217

### Display

Model number	MR2416	MR2217
Viewable image size (diagonal)	60.97 cm (24.0 inches)	54.61 cm (21.5 inches)
Active display area		
Horizontal	518.40 mm (20.41 inches)	476.06 mm (18.74 inches)
Vertical	324.00 mm (12.75 inches)	267.78 mm (10.54 inches)
Maximum resolution	1920 x 1200 at 60 Hz	1920 x 1080 at 60 Hz
Aspect ratio	16:10	16:9
Pixel pitch	0.270 x 0.270 mm	0.248 mm x 0.248 mm
Brightness (typical)	300 cd/m <sup>2</sup> ; 180 cd/m <sup>2</sup> (DICOM preset)	250 cd/m <sup>2</sup> ; 180 cd/m <sup>2</sup> (DICOM preset)
Color gamut (typical)	99% (CIE1976) <sup>3</sup> and sRGB coverage 110%	85% (CIE1976) and sRGB coverage 110%
Color depth	16.7 million colors	
Contrast ratio (typical)	1000:1	
Viewing angle (typical) (vertical/horizontal)	178° / 178°	
Response time (typical)	15 ms (typical)	14 ms (typical)
Panel technology	In-plane switching	
Backlight	LED	

### Connectivity

Connectors	VGA, DisplayPort 1.2 <sup>1</sup> , HDMI 1.4, USB 2.0 x 2 ports (downstream), 1 x USB 2.0 (upstream)
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### Design features

Stand	Swivel 60°, tilt (Typical: 5° forward or 21° backward), Height adjustable (130 mm), Pivot 90° clockwise and counterclockwise
Mount support (Mounting devices sold separately)	VESA mounting feature (100 mm x 100 mm)
Security	Security lock slot (security lock not included)**
Other	DICOM calibrated with backlight stabilization control, wider 60° swivel - left and right, active screw-on cable clip

### Power

AC input voltage/frequency/current	100V to 250 V ~ 1.5A to 0.75A/50Hz to 60Hz
DC voltage	19V/3.15 A
Power consumption	47W (maximum), 29W (typical)   30W (maximum), 20W (typical)
Power consumption (Active-off mode)	<0.5 W

### Dimensions (with stand)

Height (compressed ~ extended)	421.6 mm (16.6 inches) ~ 551.6 mm (21.72 inches)	353.4 mm ~ 483.4 mm (13.91 inches ~ 19.03 inches)
Width	567.0 mm (22.32 inches)	507.3 mm (19.97 inches)
Depth	200.3 mm (7.89 inches)	180.0 mm (7.09 inches)

### Weight

Weight (panel only – no stand)	5.2 kg (11.44 lb)	2.8 kg (6.12 lb)
Weight (with stand)	8.74 kg (19.23 lb)	5.7 kg (12.54 lb)
Shipping weight	11.86 kg (26.09 lb)	7.6 kg (16.94 lb)

### Standard service plan

- 3 Years Advanced Exchange Service<sup>2</sup> & 3 Years Limited Hardware Warranty<sup>4</sup>

### Regulatory compliance

FDA Class I, ANSI/AAMI ES 60601-1, FCC Part 15 Class B, IEC/EN 60601-1, IEC/EN 60601-1-2, IP-32 rated, ISO13485 certified<sup>5</sup>

### Regulatory compliance

FDA Class I, ANSI/AAMI ES 60601-1, CAN/CSAC22.2 No. 60601-1, FCC Part 15 Class B, ICES-003 Level B, IEC/EN 60601-1, IEC/EN 60601-1-2, ISO13485 certified

<sup>11</sup> MR2217 front viewing area is the exception.  
<sup>12</sup> Source: IHS Global Inc. Desktop Monitor Market Tracker (2013 to 2015) ID# G16000073

<sup>13</sup> Lock slot secures cable connections for tamper resistance.

<sup>14</sup> DisplayPort 1.2 - Supports High Bit Rate 2 (HBR2) and Multi-stream transport (MST). MR2416 does not support fast AUX transaction, 3D stereo transport and HBR (High bit rate) audio.

<sup>2</sup> Advanced Exchange Service: Replacement part/unit dispatched, if needed, following completion of phone/online diagnosis. Fee charged for failure to return defective unit. Availability varies. Other conditions apply.

<sup>3</sup> Color gamut (typical) is based on CIE1976 (99%) and CIE 1931 (78%) test standards.

<sup>4</sup> For a copy of the Limited Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see [dell.com/warranty](http://dell.com/warranty).

<sup>5</sup> Dell is ISO13485 certified to meet regulatory requirements for the design, development and support of medical displays.

For more information visit  
[www.dell.com/monitors](http://www.dell.com/monitors)

Based on AD # A15000260 [dell.com/monitors](http://dell.com/monitors)  
 Product availability varies by country. Please contact your Dell representative for more information.