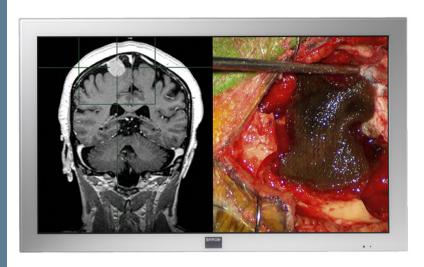
# MD-4221

### 42-inch High Definition LCD display for the operating room











The Barco MD-4221 is a 42-inch Full High Definition (1920 x 1080) monitor designed and certified for use in the digital operating room. The versatile display can visualize a wide range of analog and digital video sources, including HD endoscopic video, room and boom camera video, patient and surgery information, radiology and pathology images, with ultimate detail.

#### Bringing PACS to the OR

Fitted with a 10-bit high-contrast LCD panel and a built-in DICOM Look-Up Table, the MD-4221 is optimal for consulting PACS images in the OR.

#### User-definable screen layout

The MD-4221 lets you combine two images - in any mix of data and video – next to each other or as Picture-In-Picture. Its wide viewing angle of  $178^{\circ}$  ensures that all this information is clearly visible for everyone in the surgery suite.

#### Designed for the operating suite

An anti-reflective protective front glass allows the monitor to be cleaned and disinfected (IPX1 compliant), while its fan-less design avoids the spread of contaminants in the operating room.



Visibly yours

## Technical specifications

Active screen size (diagonal)1067 mm (42.0°)Active screen size (H x V)920 x 523 mm (36 6 x 20.6°)Aspect ratio (H-V)16.9Resolution2MP (1920 x 1080)Pixel pitch0.4850 mmColor impagingYesColor support1 billionViewing angle (H, V)178"Maximum luminance500 cd/m²Contrast ratio300-1Response time (T + TT)10 msContrast ratio30-93 key, 50-85 HzHousing colorWhi BieVideo input signalsU/W Single LinkVideo input signalsComposite videoComposite videoComposite videoComposite videoComposite videoComposite videoComposite videoComposite videoComposite videoDif-Ib-Di input/output100-250VPower requirements (nominal)260VPower raquirements (nominal)260VPower raquirements (nominal)260VPower onsumption (nominal)260VPower management0H-DM/PM states supportedPower onsumption (nominal)2624 K17 x 111 mmOblingolages (W x H x D)1185 x 790 x 355 mmNet weight yo's stand304 kgNet weight yo stand304 kgNet weight yo stand304 kgStates (W x K x D)185 x 790 x 355 mmNet weight yo stand304 kgNet weight yo stand304 kgNet weight yo stand304 kgNet weight yo stand304 kg	Screen technology	TFT LCD
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Mounting standard         VESA (MIS F; 600; 200 - 8)		
	Mounting standard	VESA (MIS F; 600; 200 - 8)

Screen protection	Protective, non-reflective glass cover
Recommended modalities	CT, MR, US, DR, CR, NM, Film
Certifications	UL 60601-1, CAN/CSA-C22.2 No 601.1-M90: 2005, EN 60601-1, IEC 60601-1, CE EN 60601-1/-2, FCC-B, VCCI, RoHs compliant, KCC, IPX1
Supplied accessories	User manual
	Video cables (DVI-D, VGA)
	Main cables (European (CEBEC/KEMA), USA (UL/CSA))
	Remote control
Optional accessories	Barco MDSC Surgical Medical LCD Display Extension Cable 10m
	Barco MDSC Surgical Medical LCD Display Extension Cable 2.5m
	Barco MD-4421 Surgical Medical LCD Display Wall Bracket
Warranty	3 years



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