

# 84" Medical Consultation Center

8 megapixel display for improved clinical collaboration



Barco's Medical Consultation Center is a powerful solution for hospital training rooms and multidisciplinary team meeting rooms. With its two-meter-wide, high-quality medical display and integrated state-of-the-art collaboration technology, it provides everything healthcare professionals need to drive clinical collaboration.

Combining Barco's expertise in display, image processing and collaboration technology, the Medical Consultation Center is an integrated, free-standing system designed for hospital environments.

## View

Clearly view even the tiniest of details on the 84" 8MP display, with its modern, black design.

## Collaborate

Discover new ways of collaborating and sharing important data:

- Share content from in-house clinical sources, such as EMR, PET, pathology images, and even video conferences simultaneously on screen, thanks to the display's 4 inputs. No external switching box needed, which means you can save cost and increase productivity.
- Or reap the benefits of wireless collaboration with the optional integrated ClickShare suite, which allows one-click on-screen content sharing for up to 4 sources at a time.

## Perform

With 8 GB of memory, 160 GB of bandwidth and an ultra-fast GPU, the top-of-the-line MXRT-7600 display controller presents you with unmatched processing power.

- Enjoy hassle-free multiscreen setup with 4 dedicated outputs
- Innovative FindCursor, SmartCursor, VirtualView, DimView and Screen Capture functionalities enable a highly productive experience
- Conference CloneView not only ensures that your content is displayed on the big screen exactly as is – but allows you to manipulate and zoom for a truly thorough collaboration session
- With a power consumption of only 0.5 watts when in ECO stand-by mode, the display saves energy and cost
- DICOM compliance for consistent and high quality image representation
- Seamless conferencing with integrated audio
- Easily discern details, even in bright hospital environments with the display's 500 cd/m2 brightness
- Easily control and interact with on-screen content thanks to the 10-point multi touch screen
- Effortless scaling, zooming and planning, as well as accurate projection of large-scale medical images with Conference CloneView™

## Product specifications

## 84" MEDICAL CONSULTATION CENTER

### Medical Consultation Center system specifications

Dimensions	1,976 x 2,500 x 764 mm (W x H X D, incl. stand) 1,976 x 1,161 mm (W x H, display only)
Weight	Free-standing structure: 78 kg; display only: 96 kg
Resolution	3,840 x 2,160 pixels
Contrast	1,400:1
Screen size	84"
Brightness	500 cd/m2
DICOM calibration	Yes
QA software	MediCal QAWeb
Connectors	1x DisplayPort (v1.2) 4x HDMI (v1.4b) OPS Slot (HDMI v1.4b, DisplayPort v1.1, RS232, Audio L/R) 1x VGA PC audio in/out
Image processing	Integrated quad view input display
Backlight	LED
Power consumption	Max: 500W; standby: 0.5W (ECO mode)
Internal speaker	Input: max 2Vrms; output: 2x 10W (@8 ohm)
Weight	96 kg
Features	<ul style="list-style-type: none"><li>Aluminum &amp; black hair line design</li><li>VESA Mount</li><li>Real UHD@60Hz via DisplayPort 1</li><li>4 x 1080p quadrants via digital input</li><li>PBP Support: 2 split screen via digital input</li><li>OPS Slot support(DisplayPort v1.1, HDMI v1.4b, RS-232, Audio L/R )</li></ul>
Touch sensor	Multi-Point Touch supported
Touch API	MS-Windows Touch, TUIO-Touch
Touch input type	Single finger; multiple fingers; click, hold and drag
Number of simultaneous touch inputs	10

### MXRT-7600 Display controller specifications

Graphics accelerator	ATI FirePro™
Memory interface	8 GB GDDR5
Memory bandwidth	160 GB/s
Connectors	4x DisplayPort (DP)
Special Features	Conference CloneView™: enables accurate projection of medical images onto a largescreen display.

### ClickShare specs

Frame rate	Up to 30 fps
Output resolution	UHD (3,840 x 2,160 pixels)
Number of sources simultaneous on screen	Simultaneously connected: max 64 -simultaneously shown: 4
Audio	Yes
Security	WPA2-PSK authentication -AES CCMP encryption

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