

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 specificaties**84" MEDICAL CONSULTATION CENTER****Medical Consultation Center system specifications**

Afmetingen	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)
Gewicht	Free-standing structure: 78 kg; display only: 96 kg
Resolutie	3,840 x 2,160 pixels
Contrast	1,400:1
Scherfmaat	84"
Helderheid	500 cd/m2
DICOM-kalibratie	Yes
Software voor kwaliteitsgarantie	MediCal QAWeb
Connectoren	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
Beeldverwerking	Integrated quad view input display
Achtergrondverlichting	LED
Energieverbruik	Max: 500W; standby: 0.5W (ECO mode)
Interne luidspreker	Input: max 2Vrms; output: 2x 10W (@8 ohm)
Gewicht	96 kg
Kenmerken	<ul style="list-style-type: none">Aluminum & black hair line designVESA MountReal UHD@60Hz via DisplayPort 14 x 1080p quadrants via digital inputPBP Support: 2 split screen via digital inputOPS Slot support(DisplayPort v1.1, HDMI v1.4b, RS-232, Audio L/R)
Aanraaksensor	Multi-Point Touch supported
API voor aanraakfunctionaliteit	MS-Windows Touch, TUIO-Touch
Type aanraakinvoer	Single finger; multiple fingers; click, hold and drag
Aantal gelijktijdige aanraakinvoereenheden	10

MXRT-7600 Display controller specifications

Grafische versneller	ATI FirePro™
Geheugeninterface	8 GB GDDR5
Geheugenbandbreedte	160 GB/s
Connectoren	4x DisplayPort (DP)
Speciale functies	Conference CloneView™: enables accurate projection of medical images onto a largescreen display.

ClickShare specs

Framesnelheid	Up to 30 fps
Uitvoerresolutie	UHD (3,840 x 2,160 pixels)
Aantal bronnen tegelijk op het scherm	Simultaneously connected: max 64 -simultaneously shown: 4
Audio	Yes
Beveiliging	WPA2-PSK authentication -AES CCMP encryption

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