86" Medical Consultation Center

8MP display for improved clinical collaboration

WIDE VIEW

QAWEB

SPOTVIEW

TOUCH

COLOR

DICOM

8 MP

- **Smart ergonomic design**

- **Effortless team collaboration**

- **Enhanced clinical productivity**

Barco's Medical Consultation Center is a powerful solution for hospital training rooms and multidisciplinary team meeting rooms. The Medical Consultation Center is an integrated, free-standing system designed for hospital environments.

This all-in-one system includes a touchscreen display, graphics controller and visualization tools, ClickShare for enhanced collaboration, and built-in picture-and-picture capabilities. It's how Barco's Medical Consultation Center provides everything healthcare professionals need to drive clinical collaboration.

Smart ergonomic design
Clearly view even the tiniest of details on the 86" 8MP display with built-in DICOM. The 10-point multi touchscreen comes with blackboarding and annotation capabilities. This, combined with the large screen size and anti-reflective front cover, ensures fluent and easy operation, making it ideal for team collaboration.

Thanks to the smart, award-winning design of the stand, Barco's Medical Consultation Center is exceptionally stable and safe.

Effortless collaboration
Discover new ways of collaborating and sharing important data. Share content from in-house clinical sources, such as EMR, radiology, 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.

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What's more, you can reap the benefits of wireless collaboration with the integrated ClickShare suite, which allows one-click on-screen content sharing for up to 4 sources at a time.

Enhanced productivity

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

- Enjoy hassle-free multiscreen setup with 4 dedicated outputs

- Innovative FindCursor™, VirtualView™ and DimView 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. Combined with SpotView™, you can highlight and share a region of interest during conferences and training sessions

- The ScreenShot™ screen capture tool allows you to capture screen images including annotations for training purposes and to add to MDT reports

Product specifications	86" MEDICAL CONSULTATION CENTER
Display and system	
Dimensions	System: 1980.2(w) x 768.7 (d) x 2354.8 (h) (mm) (including stand) Display only: 1980.2(w) x 90(d) x 1152.8 (h) (mm)
Weight	Free-standing structure: 78 kg; display only: 90 kg
Resolution	3,840 x 2,160 pixels
Contrast	1,200:1
Dynamic contrast mode	2000:1
Screen size	86"
Brightness	500 cd/m2
DICOM calibration	Yes
QA software	MediCal QAWeb
Connectors	1x DVI 1x DP1.2 1x HDMI 1.4 1x HDMI 1.4 Audio jack
Control	Built-in OSD Key; external IR Remote controller
Image processing	Integrated quad view input display
Bezel width generation	28 mm
Backlight	LED
Power supply	AC 100V ~ 240V (50/60Hz), 4A
Power consumption	230W nominal, 300W max
Internal speaker	2x speaker (2x10W)
Horizontal frequency	Digital : 31.5 ~ 81 KHz
Vertical frequency	Digital : 50 ~ 71Hz
Operating temperature	0 °C to 40 °C
Storage temperature	-20 °C to 60 °C
Features	VESA Mount 400 x 600 UHD@60Hz: Only DisplayPort 4 Picture by Picture OPS Slot Support OSD Language: Chinese, English
Touch screen	IR

Product specifications	86" MEDICAL CONSULTATION CENTER
Supported systems	Windows XP/7/10
Touch input type	Single finger Multiple fingers Click, hold and drag
Number of simultaneous touch inputs	10
Display controller	
Display memory	8 GB GDDR5
Memory bandwidth	160 GB/s
Power consumption	150 W
Power Connector	One 2x3 power connector
Form factor	248mm (L) x 110mm (H) single PCIe slot wide
Connectors	4-DisplayPort (DP)
Special Features	Conference CloneView™: enables accurate projection of medical images onto a largescreen display.
Collaboration	
Number of sources simultaneous on screen	8 (4 per screen)
Number of simultaneous connections	64
iPad, iPhone and Android compatibility	Sharing of documents, browser, camera for both Android and iOS devices via ClickShare app
Extended desktop	Available (depending on operating system)
Connections	2x Ethernet LAN (allow separate and simultaneous connection to multiple networks: e.g. guest and corporate networks) 2x USB 2.0; 2x USB 3.0 (back); 2x USB 3.0 (front) Audio analog line out on mini jack socket (3.5mm), digital S/PDIF
Interactivity (blackboarding and annotation)	Yes
Moderation	Yes

ENABLING BRIGHT OUTCOMES

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