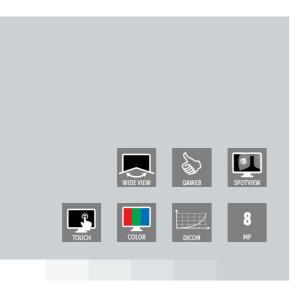
86" Medical Consultation Center

8MP display for improved clinical collaboration





- 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.



86" Medical Consultation Center Barco



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 FindCursorTM, VirtualViewTM 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

Dimensions System 1980 ZWV x 768 7 (d) x 2354.8 (h) (mm) (including stand) Weight Free-standing structure: 78 kg; display only: 90 kg Resolution 3.840 x 2180 pixels Contrast 1,200 l Dynamic contrast mode 2000 l Screen size 86° Brightness 500 cd/m²2 DICOM calibration Yes QA software MediCai CAWeb Connectors 1x DVI 1x DPL12	Display and system	
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 Cancetors Ix DVI 1x DVI 2 1x DVI 14 1x HDMI 1.4 Audio jack Ly DMI 1.4 Audio jack Integrated quad view input display Control Bullt-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 (50/60H2), 4A Power consumption 230W nominal, 300W max Internal speaker 2x speaker (2x10W) Horizontal frequency Digital, 31,5 ~ 81 KH2 Vertical frequency Digital, 50 ~ 72Hz Operating temperature 0 °C to 40 °C Storage temperature VESA Mount 400 x 800 UHD (600H2 Only DisplayPort 4 Picture by Picture poy Pic	Dimensions	· · · · · · · · · · · · · · · · · · ·
Contrast 1,200 1 Dynamic contrast mode 2000 1 Screen size 86' Brightness 500 cd/m2 DICOM calibration Yes Connectors 1x DV1 1x DP12 1x HDM1 14 1x HDM1 14 1x HDM1 14 1x HDM1 14 1x HDM1 15 1x HDM1	Weight	Free-standing structure: 78 kg; display only: 90 kg
Dynamic contrast mode 2000:1 Screen size 86° Brightness 500 cd/m2 DICOM calibration Yes OA software Medical OAWeb Connectors Ix DVI	Resolution	3,840 x 2,160 pixels
Brightness 500 cd/m2 DICOM calibration Yes OA software MediCal QAWeb Connectors Ix DVI IX DP12 IX HDMI 1.4 IX H	Contrast	1,200:1
Brightness 500 cd/m2 DICOM calibration Yes OA software MediCal QAWeb Connectors 1x DVI 1x DP1.2 1x HDMI 1.4 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	Dynamic contrast mode	2000:1
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Connectors Ly DVI Ly DP1.2 Ly HDMI 1.4 Ly HDMI 1.4 Ly HDMI 2.4 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 VESA Mount 400 x 600 UHD@60Hz; Only DisplayPort A Picture by Picture OPS 510t Support	Brightness	500 cd/m2
Connectors 1x DVI 1x DP1.2 1x HDMI 1.4 1x HDMI 1.	DICOM calibration	Yes
1x DP1.2 1x HDMI 1.4 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 -20 °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 on Pictu	QA software	MediCal QAWeb
Image processing Integrated quad view input display Bezel width generation 28 mm 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	Connectors	1x DP1.2 1x HDMI 1.4 1x HDMI 1.4
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Operating temperature -20 °C to 40 °C Storage temperature -20 °C to 60 °C VESA Mount 400 x 600 UHD@60Hz: Only DisplayPort 4 Picture by Picture OPS Slot Support	Horizontal frequency	Digital : 31.5 ~ 81 KHz
Storage temperature -20 °C to 60 °C VESA Mount 400 x 600 UHD@60Hz: Only DisplayPort 4 Picture by Picture OPS Slot Support	Vertical frequency	Digital : 50 ~ 71Hz
Features VESA Mount 400 x 600 UHD@60Hz: Only DisplayPort 4 Picture by Picture OPS Slot Support	Operating temperature	0 °C to 40 °C
UHD@60Hz: Only DisplayPort 4 Picture OPS Slot Support	Storage temperature	-20 °C to 60 °C
	Features	UHD@60Hz: Only DisplayPort 4 Picture by Picture OPS Slot Support
Touch screen IR	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

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