

MDAC-8355

55" 4K UHD multi-modality, medical-grade ITE display



- **Large ultra-high-definition monitor**
- **Medical-grade ITE device**
- **Flexible display for image-guided therapies**

The MDAC-8355 is a 55" 4K ultra-high-definition medical-grade ITE display, designed exclusively for OEMs & system integrators in the field of image-guided therapies.

With its unique in-built internal picture composition capability, the MDAC-8355 is suitable for displaying multi-modality images from a wider range of image-guided systems.

The MDAC-8355 can be integrated into your image-guided system to support clinical teams (within interventional radiology, cardiology, radiation oncology, NIR-guided surgery, and endovascular robotics) who perform both routine and complex procedures where high quality, clean, sharp and more defined multi-modality images need to be displayed simultaneously. It can be wall- or ceiling-mounted and packaged for specific clinical applications on a medical cart.

With lifetime luminance stability and DICOM calibration assured, clinical teams who make fast decisions during image-guided procedures can work with optimal viewing experience.

Product specificaties**MDAC-8355**

General specifications	
Schermt technologie	a-si TFT active matrix, IPS
Actief schermformaat (diagonaal)	54.6" (1388 mm)
Formaat actief scherm (H x V)	1210 x 680 mm
Beeldverhouding	16:9
Helderheid	Calibrated 350 cd/m ² at 6500K
Kleur behuizing	Option SPIB: Black Option SPIW: White
Resolutie	UHD (3840 x 2160 pixels)
Pixelpitch	0.3150 mm
Kleurondersteuning	1.07 billion colors (10 bit)
Kleurkalibratie	N/A
Kijkhoek	178° Hor/ 178° Ver
Afstandsbediening	Option SPIW: Infrared remote control
Contrastverhouding	1100:1 (typical)
Reactietijd	8 ms (typical)
Wit punt	2000 K to 12000 K (Default setting 6500 K)
Gammacurve	Native, Gamma (1 to 4; step=0.1 (Default setting 2.4)), User, DICOM
Schermbescherming aan voorzijde	Scratch-resistant 2-side AR glass
Afmetingen	1260 x 734 x 87 mm
Video-ingangen	DVI Dual link (Full screen image with 2x DVI inputs) DVI Single link (Full screen image with 4 x DVI Inputs) DVI Single link (4 Quadrant Drive from 4 Independent sources) DP 1.2 SST (Full screen image, 4K native or 2K upscaled)
Video-uitgangen	N/A
Kenmerken	Option SPIB: Failover (DVI automatically displayed in case of no DP), or Option SPIW: Internal Picture Composition Capability
Temperatuur	Operating: +5 °C to 35 °C Storage: -20 °C to 60 °C
Energieverbruik	135 W (maximum) 25 W (stand-by)
Vochtigheid	Operating: 10% to 80% RH (non-condensing) Storage: 10% to 90% RH (non-condensing)
Net weight display	34 Kg
Naleving van milieuvorschriften	RoHS (2011/65/EU + Delegated Directive (EU) 2015/863), REACH, WEEE
Nettogewicht verpakt	40 Kg
Montagestandaard	VESA 200 x 200 mm & 600 x 200 mm)
Certificeringen	<ul style="list-style-type: none"> ▪ IEC 62368-1:2018 ▪ EN 62368-1:2020 + A1:2020 ▪ IEC 60601-1:2005 + A1:2012 ▪ EN 60601-1:2006 + A1:2013 + A12:2014 ▪ ANSI/AAMI ES 60601-1:2005 + R1:2012 ▪ CAN/CSA C22.2 No. 60601-1:14 ▪ IEC 60601-1-2: 2014 (ed.4) ▪ EN 60601-1-2:2015 (ed.4) + A1:2021 ▪ CISPR 11 Class B ▪ FCC part 15 Class B ▪ ICES-003 Level B ▪ GB4943.1-2011; GB9254-2008; GB17625.1-2012
Beschermingsniveau	IP20 (IP45 front side)
Garantie	3 years

Laatst bijgewerkt: 07 May 2024

© 2018 Barco nv. Alle rechten voorbehouden. Gehele of gedeeltelijke reproductie zonder schriftelijke toestemming is verboden. Alle merknamen en productnamen zijn handelsmerken, geregistreerde handelsmerken of handelsnamen van hun respectieve houders. Vanwege voortdurende innovatie kunnen informatie en technische specificaties zonder voorafgaande kennisgeving worden gewijzigd. Raadpleeg www.barco.com voor de meest recente specificaties.