

Coronis OneLook (MDMC-32133)

Our very best diagnostic display solution for breast imaging and general radiology



- **View full resolution multimodality images in one look**
- **See tiny details in clear grayscales and rich colors**
- **Launch your go-to applications without any clicks**

Highest resolution ever in breast imaging

Meet the Coronis OneLook display solution, brought to you by the team behind the world-class Coronis Uniti. From supporting orthopedics to finding tiny breast calcifications: Coronis OneLook is Barco's paragon coming after decades of research and development – your perfect radiology assistant, which will serve for years to come.

Coronis OneLook gives you more detail than you've ever imagined: it boasts the highest number of image lines and pixels we have ever achieved. All this combined with crisp, consistent grayscales and colors and new productivity tools, true to the Barco range.

Effortless quality & compliance

Like all our medical display solution, Coronis OneLook comes with our cloud-based QAWeb Enterprise platform for remote calibration and centralized QA and compliance management.

A+ ecolabel for Coronis OneLook

Coronis OneLook has been subjected to Barco's ecoscoring protocol and has received an A+ rating. Some key factors that contributed to this rating are:

- Level VI power supply & energy efficiency when in active use
- >65% halogen-free PCBs and >50% halogen-free cables
- Packaging uses recycled cardboard and foams with recycled content
- 30% post-consumer recycled content in plastic parts
- Warranty extendable up to 7 years

Ensuring diagnostic confidence with MDR Class IIa

The Coronis OneLook, like our other radiology displays, is MDR-certified as Class IIa. All our displays are subject to yearly audits as part of our commitment to quality and compliance. This process helps ensure diagnostic confidence and peace of mind for our users.

Product specificaties**CORONIS ONELOOK (MDMC-32133)****Algemene specificaties**

Schermt technologie	IPS
Actieve schermgrootte (diagonaal)	850 mm (33")
Actieve schermgrootte (H x V)	708 mm x 472 mm (28 inch x 19 inch)
Beeldverhouding (H:V)	3:2
Resolutie	32MP (6848 x 4656 pixels @ 60 Hz) (with touchbar) Active area (6848 x 4560 pixels @ 60 Hz) (without touchbar)
Pixelpitch	0,103 mm
Kleurweergave	Yes
Grijsbeeld	Yes
Bitdiepte	10 bit per R,G,B, when driven by Barco Display Controller
Kijkhoek (H, V)	178°
Uniformiteitscorrectie	PPU
SteadyGray	Yes
SteadyColor	SteadyColor: Yes, when used in combination with Barco Display Controller and Driver, Intuitive Workflow Tools(IWT) & QAWeb Enterprise sRGB: Yes, when used in combination with Barco Display Controller and Driver, Intuitive Workflow Tools (IWT) with aid of Application Appearance Manager (AAM) & QAWeb Enterprise
NTSC Kleurengamma	117% NTSC (CIE 1976/CIELUV)
Kleurengamma sRGB	140% sRGB (CIE 1931) or 135% sRGB (CIE1976)
DCI-P3 Kleurengamma	107% DCI-P3 (CIE 1976)
RapidFrame	Yes
I-Luminate	Yes
Voorinstellingen voor omgevingslicht	Yes, reading room selection
Omgevingslichtsensor	Yes
Sensor vooraan	Yes, I-Guard
Maximale luminantie (typisch paneel)	2300cd/m ² (PPU on, ClearBase)
DICOM-gekalibreerde luminantie	1200 cd/m ²
Contrastverhouding (paneeltypisch)	1300:1
Reactietijd ((Tr + Tf)/2) (typisch)	9,05 ms 5,9ms, average gray-to-gray with RapidFrame
Kleur behuizing	Black RAL (9005) / White (RAL 9003)
Video-ingangssignalen	4x DisplayPort 1.4 ports 2 x available (DP1, DP2) 2 x covered (do not use; for future use) (DP3, DP4)
USB-poorten	At the sides 1x USB-C 1x USB-3 type A In the cable compartment 2x USB-3 type B upstream <ul style="list-style-type: none"> ■ 1 x available (USB-B UP1) ■ 1 x covered (do not use; for future use) (USB-B UP2)
Nominaal vermogen	1x USB-2.0 type A downstream 2x USB-3 type A downstream 5V/2A -24V/7A -48V/8A
Stroomvereisten	This device shall only be powered by the medical approved power supply of Adapter Tech, type CDM970A2-P480: Input: 100-240 Vac, 50-60 Hz, 16 A Output: 5 Vdc, 2 A 24 Vdc, 14 A 48 Vdc, 13 A
Energieverbruik	230 W (nominal) < 2,5 W (switched off)
Afmetingen incl. steun (B x H x D)	795 x 639 x 242 mm (stand in lowest position) 795 x 739 x 242 mm (stand in highest position)
Afmetingen zonder steun (B x H x D)	795 x 604 x 93 mm
Afmetingen verpakt (B x H x D)	972 x 741 x 390 mm
Nettogewicht met steun	28 kg
Nettogewicht zonder standaard	19 kg
Nettogewicht verpakt	33 kg (without optional accessories) 37 kg (with optional accessories)
Kantelen	-5° to +24°
Zwenking	+30° to -30°
Scharnieren	N/A
Bereik hoogterverstelling	100 mm
Montage standaard	VESA 200 x 100
Schermbescherming	Yes. anti-smudge layer
Optisch glas	Yes

Product specificaties

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Aanbevolen modaliteiten	All digital images, including digital mammography It is especially designed for breast tomosynthesis (3D mammography) applications, breast MRI and breast US. It is especially designed for CT and ultrasound vascular and gynecological US.
Certificeringen	CE0123 (Medical Device) FDA 510(k) K242008 CCC (China) (Pending), KC (Korea) (Pending), INMETRO (Brazil) (Pending), BIS (India) (Pending), EAC (Russia) (Pending) Safety specific: IEC 62368-1:2018 EN IEC 62368-1:2020+A11:2020 UL 62368-1:2019 CSA C22.2 No.62368-1:2019 IEC 60601-1:2005+A1:2012+A2:2020 EN 60601-1:2006+A1:2013+A12:2014+A2:2021 ANSI/AAMI ES 60601-1:2005+A1:2012+A2:2021 CAN/CSA C22.2 No. 60601-1:2014 (Reaffirmed 2022) EMI specific: IEC 60601-1-2:2014+A1:2020 (Ed.4.1) EN 60601-1-2:2015 + A1:2021 (Ed.4.1) FCC part 15 Class B ICES-001 Level B VCCI (Japan) (Pending) Environmental: China Energy Label (Pending), EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive
Meegeleverde accessoires	1x power supply 2x DP video cables 1x USB cable 1x printed User Guide (English) 1x printed Quick Start Guide 1x documentation CD, containing translations of the user guide Mains cable
Optionele accessoires	Display controller Touch pad
QA-software	QAWeb Enterprise
Garantie	5 years, including 40 khours backlight warranty 2 additional years warranty available for purchase
Bedrijfstemperatuur	0 °C to 35 °C (20 °C to 30 °C within specs)
Opslagtemperatuur	-20 °C to +60 °C
Luchtvochtigheid bedrijf	20 % to 80 % (non-condensing)
Luchtvochtigheid opslag	20 % to 80 % (non-condensing)
Bedrijfsdruk	Operational: minimum 62 kPa
Opslagdruk	50 to 106 kPa

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