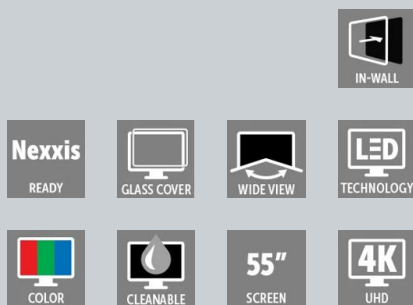


MDMX-25500 GNNB

55" 4K in-wall console for the OR



- **55-inch mounted in-wall console for the OR**
- **Integrated Nexxis connectivity**
- **Wide viewing angle**

MDMX-25500 GNNB is a 55" 4K in-wall OR console with integrated Nexxis connectivity. The console consists of a single display configuration and allows the entire OR staff to combine and view multiple images, with an intuitive control system for flexible and easy use.

Optimize valuable space

The MDMX-25500 GNNB is multifunctional: it can function as a nurse station area presenting patient and surgery information, and it's also an AV control station. It offers direct control of remote PC sources and thanks to its integrated Nexxis decoder, video routing and compositions can be managed without additional installation or configuration.

The console is integrated in the OR wall, so it doesn't take up any additional space. The black protective, anti-reflective glass front cover allows for easy cleaning and disinfecting.

Enjoy maximum flexibility with Nexxis inside

The MDMX-25500 GNNB fits perfectly within Nexxis' plug and play system: you can route any Nexxis source to the screen, on which multiple types of compositions are possible. The optional Barco Nexxis WorkSpot feature lets you view up to 6 sources at the same time, and control each one individually.

Additionally, a programmable Nexxis button makes it easy to adapt the console's functionalities to the OR team's needs: start/stop recordings, take snapshots, change video layouts, reset video source, ...

Tailor it to your needs

All components are integrated in the console, which reduces installation time



All components are integrated in the console, which reduces installation time and cost. An optional foldable IP68 keyboard is available in several regional variants (US, German, Italian, French, Spanish, Turkish), as well as a trackpad and USB mouse. The MDMX-25500 GNNB can be combined with the MDMX-22400 GNTB 24" console, with an optional second keyboard, for even more screen surface.

- Enjoy ergonomic viewing support for everyone in the OR: from doctors and nurses to trainees
- Use the PACS optimization button to quickly switch between color profiles: for optimal viewing of PACS images or other modalities
- Connect mobile devices, such as mobile C-arm video sources, to Nexxis
- Go for the WorkSpot feature to view and control up to 6 video sources individually
- Interact with remote-PC video sources as if you're in front of them

Product specifications

MDMX-25500 GNNB

General specifications

Screen/Backlight technology	IPS/WLED
Active screen size (diagonal)	1388 mm (54.64")
Active screen size (H x V)	1210 mm x 680 mm (47.6 x 26.8")
Aspect ratio (H:V)	16:9
Resolution	3840 x 2160
Pixel pitch	0.315 x 0.315 mm
Color imaging	Yes
Gray imaging	Yes
Bit depth	10 bpc
Viewing angle (H, V)	178°
Ambient light sensor	No
Maximum luminance (panel typical)	500 cd/m ²
Contrast ratio (panel typical)	1100:1
Response time ((Tr + Tf)/2)	8 ms
Housing color	Glass/Black front -Steel/White border + back Stainless steel dashboard below glass front for buttons/interfaces
Video input signals	2 x 10GbE Fiber Optic Interface for 55" UHD Nexxis link Optional: 4 x 10GbE Fiber Optic Interface for 2x mobile device connectivity on front
Embedded Nexxis	1 x MNA-240 decoder
Nexxis features	View up to 6 Nexxis sources (PiP/PaP/Quad...) Keyboard/Mouse control of source Programmable Nexxis button (front) Option to mount 2x front Neutrik opticalCON for mobile device connectivity
General features	Power control button for external PC (front) DICOM button (front)
Options (configurable)	1 x Keyboard/trackpad module available in different languages: EN-DE-FR-IT-TR-ES Includes USB silicone mouse (cleanable)
USB ports	1 x USB 2.0 downstream (External mouse for Nexxis-source control)
Power rating	100-240 Vac, 50/60 Hz, 3-1.5 A
Power consumption	215 Watt
Dimensions (W x H x D)	1396 x 1050 x 120 mm
Dimensions packaged (W x H x D)	1696 x 1337 x 341 mm
Net weight	87 kg (incl. 1 x K&M module)
Net weight packaged	100 kg (incl. 1 x K&M module)
Mounting standard	In-wall
Screen protection	Protective, anti-reflective glass cover
Certification and compliance	CE (Medical Device Class I) – CCC (China) • Safety specific: IEC 60950-1:2005+A1:2009+A2:2013 EN 60950-1:2006+A1:2010+A11:2009+A12:2011+A2:2013 EN IEC 62368-1:2020+A11:2020 IEC 60601-1:2005+A1:2012+A2:2020 EN 60601-1:2006+A1:2013+A12:2014+A2:2021 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 • Environmental: EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive
Green compliance	ROHS-3, REACH, WEEE
Supplied accessories	User guide (English) Installation guide (English) USB stick, containing translations of the user & installation guide 2x hex key
Optional accessories	Neutrik opticalCON accessories
Operating temperature	0 °C to 40 °C (10 °C to 40 °C within specs)
Storage temperature	-20 °C to +60 °C
Operating humidity	20 % to 85 % (non-condensing)
Storage humidity	20 % to 85 % (non-condensing)
Operating pressure	Minimum 70 kPa
Storage pressure	50 to 106 kPa
Warranty	2 years

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