MDMX-22449 GNTB

Combined 24" Full-HD and 49" 4K in-wall console for the OR

IN-WALL	Nexxis READY	GLASS COVER	TOUCH
WIDE VIEW	LED TECHNOLOGY	COLOR	CLEANABLE
24" SCREEN	full HD 1920 X 1080	49" SCREEN	4K UHD

- **Mounted in-wall console for the OR**

- **Double display configuration of 24-inch Full-HD and 49-inch 4K display**

- **Integrated Nexxis connectivity**

- **Wide viewing angle**

- **Optional touchscreen**

MDMX-22449 GNTB is an in-wall OR console that consists of a 24" Full-HD and a 49" 4K display, with optional touchscreen. It includes integrated Nexxis connectivity and can also offer touchscreen functionality. The console 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-22449 GNTB 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-22449 GNTB 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.

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

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and cost. One or two optional foldable IP68 keyboards are available in several regional variants (US, German, Italian, French, Spanish, Turkish), as well as trackpads and USB mouses.

- Enjoy ergonomic viewing support for everyone in the OR: from doctors and nurses to trainees

- Choose the touchscreen option and work even more quickly and easily

- See time and date, synced with the hospital network, from anywhere in the OR

- Rely on StopWatch functions for time-sensitive interventions

- Connect mobile devices, such as mobile C-arm video sources, to Nexxis

- Use the PACS optimization button to quickly switch between color profiles: for optimal viewing of PACS images or other modalities

- Interact with remote-PC video sources as if you're in front of them

Product specifications	MDMX-22449 GNTB
General specifications	
Screen/Backlight technology	15": MVA/WLED 24": IPS/WLED 49": IPS/WLED
Active screen size (diagonal)	15": 384 mm (15.1") 24": 605 mm (23.8") 49": 1232 mm (48.5")
Active screen size (H x V)	15": 376 x 73 mm (14.8 x 2.9") 24": 527 x 296 mm (20.8 x 11.7") 49": 1074 x 604 mm (42.3 x 23.8")
Aspect ratio (H:V)	15": 160:31 24": 16:9 49": 16:9
Resolution	15": 1280 x 248 24": 1920 x 1080 49": 3840 x 2160
Pixel pitch	15": 0.294 x 0.294 mm 24": 0.275 x 0.275 mm 49": 0.280 x 0.280 mm
Color imaging	Yes
Gray imaging	Yes
Bit depth	15": 8 bpc 24": 8 bpc 49": 10 bpc
Viewing angle (H, V)	15": 89° 24": 178° 49": 178°
Ambient light sensor	No
Maximum luminance (panel typical)	15": 300 cd/m² 24": 250 cd/m² 49": 500 cd/m2
Contrast ratio (panel typical)	15": 2000:1 24": 1000:1 49": 1100: 1
Response time ((Tr + Tf)/2) (typical)	15": 8 ms 24": 14 ms 49": 8 ms
Housing color	Glass/Black front -Steel/White border + back Stainless steel dashboard below glass front for buttons/interfaces
Video input signals	1 x 10GbE Fiber Optic Interface for 24" FHD Nexxis link 2 x 10GbE Fiber Optic Interface for 49" UHD Nexxis link Optional: 4 x 10GbE Fiber Optic Interface for 2x mobile device connectivity on front
Embedded Nexxis	1 x MNA-420 decoder 1 x MNA-440 decoder
Nexxis features	Video layouts (PiP/PaP/Quad...) Keyboard/Mouse/Touch control of source Programmable Nexxis button (front) Option to mount 2x front Neutrik opticalCON for mobile device connectivity
General features	SmartBar with date/time & stopwatch Power control button for external PC (front) DICOM button (front)
Options (configurable)	1 x or 2 x Keyboard/trackpad module available in different languages: EN-DE-FR-IT-TR-ES Includes USB silicone mouse (cleanable)
USB ports	2 x USB 2.0 downstream (External mouse for Nexxis-source control)

Product specifications	MDMX-22449 GNTB
Power rating	100-240 Vac, 50/60 Hz, 3-1.5 A
Power consumption	230 Watt
Dimensions (W x H x D)	1896 × 1050 × 120 mm
Dimensions packaged (W x H x D)	2190 × 1337 × 341 mm
Net weight	110 kg (incl. 1 x K&M module)
Net weight packaged	125 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 EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013 IEC 60601-1:2005 + A1:2012 − EN 60601-1:2006 + A1:2013 + A12:2014 ANSI/AAMI ES606011:2005 + R1:2012 CAN/CSA C22.2 No. 60601-1:2014 EMI specific: IEC 60601-1-2:2014 (ed4) EN 60601-1-2:2015 (ed4) FCC part 15 Class ICES-001 Level 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
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

Last updated: 18 Mar 2024

ENABLING BRIGHT OUTCOMES

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