

MNA-440 DEC -H

HD AV-to-IP adapter for the OR and hybrid OR with HDMITM technology



- **IP-to-AV conversion**
- **Up to 4K resolution**
- **Medical-grade**
- **Established 3rd generation technology**

Adapter for the operating room

The MNA-440 DEC -H with HDMITM technology converts uncompressed IP video streams to HDMI 2.0 video. Other non-video signals such as audio and USB for keyboard/mouse are also supported. End-to-end video latency is amazingly low and is guaranteed not to exceed a single frame.

Capabilities

The MNA-440 adapters are part of Barco's Nexxis solution, which provides users with uncompromised networked visualization for the digital operating room. The compact Nexxis AV-to-IP adapters offer simplicity and flexibility while maintaining the highest possible performance standards and fitness for use in demanding medical environments.

As a third generation device, the MNA-440 DEC -H with HDMITM technology provides the full richness of the established Nexxis platform while:

- increasing future scalability
- improving ease of installation
- adding increased security performance
- reducing ecological footprint

Product specificaties**MNA-440 DEC -H****General specifications**

Videoconversie	Converts uncompressed IP-streams into Digital video signals.
Verwerking	4096x2160@60Hz on a single output channel Or 1920x1200@60 on each of the two output channels
Kleurdiepte	RGB 8-bit
3D-technologie	Show one view of the 3D video flow (left eye) on a 2D display
Latentie	End-to-end: genlocked subframe; not genlocked one frame.
Beveiliging	Decryption of AES 128 encrypted video, data & control signals
Video-uitgang	2x HDMI 2.0 lockable connector
IP-connectiviteit	2x 10GbE Fiber Optic Interface with SFP+ module
IP-normen	Zeroconf, IPv4, IGMP, DHCP, RTP, RTCP, 802.1q, AES 128b, HTTP(s)
USB	2x USB Type A
Audio	Stereo line in and Headset/Stereo line out 15mm length compatible 3.5mm TRRS jack
GPIO	1x GPI + 1x camera trigger via 15mm length compatible 3.5mm TRRS jack
Nexxis-integratie	Supported from Nexxis 1.14 onwards, compatible with MNA-1x0, MNA-240 and MNA-4x0 devices
Voeding	External 12VDC Medical Approved PSU, 100-240VAC 50-60Hz 60W with lockable connector at DC side
Energieverbruik	Maximum: 25W Typical: 17W
Grootte	35 mm H x 103 mm W x 131 mm D 1.4" H x 4.1" W x 5.2" D (+/-2 mm / 0.1")
Gewicht	0.4 kg (0.88 lbs)
Temperatuur	5°C to 40°C (41°F to 104°F)
Vochtigheid	Maximum 85%
Opslag	Storage temperature: -20°C to 60°C (-4°F to 140°F) Storage Relative Humidity: 10% to 93%
Akoestische ruis	Typical 32dBA at 20°C at 1m
Montage	Versatile mounting bracket included
Certificeringen	<ul style="list-style-type: none"> ■ CB (IEC 60601-1) Informative report ■ CB (IEC 60950-1) ■ cRU, RU (cRUus) ■ Demko ■ CE medical device class I ■ UKCA ■ BIS Registration, IS 13252 (part 1) ■ KC ■ BSMI ■ RCM ■ EAC
Standaarden	<p>Medical Equipment:</p> <ul style="list-style-type: none"> ■ IEC 60601-1:2005 + Am1:2012 ■ IEC 60601-1-6:2010 + Am1:2013 ■ IEC 60601-1-2:2014 (ed4) ■ ANSI/AAMI ES 60601-1: A1:2012 + C1:2009/(R)2012 + A2:2010/(R)2012 ■ CAN/CSA-C22.2 No.60601-1:14 ■ EN 60601-1:2006 + A1:2013 + A12:2014 ■ EN 60601-1-6:2010 + A1:2015 ■ EN 60601-1-2:2015 (ed4) ■ FCC class B ■ ICES-001 Level B <p>ITE Equipment:</p> <ul style="list-style-type: none"> ■ IEC 60950-1:2005 + Am1:2009 + Am2:2013 ■ EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 ■ IS 13252

Laatst bijgewerkt: 29 Apr 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.