MNA-110 ENC DP

AV-to-IP encoder for the digital operating room with 1x DP input

Conversion to IP
The medical-grade MNA adapters offer:

- AV-to-IP conversion at the imaging source

- Complete connectivity for current and legacy video sources in the operating room, cath lab or interventional suite

- Support for non-video traffic (e.g. keyboard, mouse)

- Easy integration via central API provided by Barco's NMS 1.0 software

- Smooth setup and ease of use

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Product specifications	**MNA-110 ENC DP**
General specifications	
Video conversion	Converts digital and analog baseband video signals to uncompressed IP video streams
Processing	1x 1920x1200p60
Security	AES 128 encrypted transmission of all video, data & control signals
Encoder system	1x DP input
IP connectivity	10GE Fiber Optic Interface with SFP+ connector module
IP standards	AVB, IP, IGMP, IGMP snooping, PIM, RTP, RTCP, 802.1q, AES 128b, HTTP(s)
USB	USB OTG type A/B USB Type A
Audio	N/A
Compliance	Supporting HIPAA compliant external 12V Medical Approved PSU
Power consumption	< 30W
Size	37 mm H x152 mm W x152 mm D
Certifications	- CB (IEC 60601-1) - CB (IEC 60950-1) - cUL, UL (cULus) - Demko - CE medical device class I - BIS Registration, IS 13252 (part 1)
Standards	Medical Equipment: - 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 ITE Equipment: - IEC 60950-1:2005 + Am1:2009 + Am2:2013 - EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 - IS 13252

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