

# 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

**PRODUCT SPECIFICATIONS****MNA-110 ENC DP**

<b>Conversion</b>	Digital and analog baseband video signals to uncompressed IP video streams
<b>Processing</b>	Up to 165 Mega Pixels per second (up to 1920 x 1200/60Hz per input)
<b>Security</b>	AES 128 encrypted transmission of all video, data & control signals
<b>Encoder system</b>	1x DP input (DL)
<b>IP connectivity</b>	10GE Fiber Optic Interface with SFP+ connector module
<b>IP standards</b>	AVB, IP, IGMP, IGMP snooping, PIM, RTP, RTCP, 802.1q, AES 128b, HTTP(s)
<b>USB</b>	USB OTG type A/B USB Type A
<b>Audio</b>	N/A
<b>Compliance</b>	Supporting HIPAA compliance External 12V Medical Approved PSU
<b>Power consumption</b>	< 30W
<b>Size</b>	152x152x37 mm
<b>Certifications</b>	UL 60601-1; CE EN60601-1 ed 3; c-UL CSA C22.2 No601.1 FCC-B; EN 60601-1-2 ed 3, IEC 60601-1 ed 3 CE (MDD) ICES-003

**Last updated: 05 Oct 2018**

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.