

## KEY FEATURES & CAPABILITIES

- HD Video Conferencing
- Full Duplex HD-Video with Audio
- Captures Video and Still Images to a USB Storage Device
- Industry Standard High-Quality H.264 Compression
- Supports RTP Streaming Protocol over TCP and UDP
- Controlled via Web Interface, Front Buttons or GPIO
- Password Protected Login Capability
- Medical-Grade Device, Certified for Patient Vicinity Use
- Open-Source Viewing on Laptops and PC's

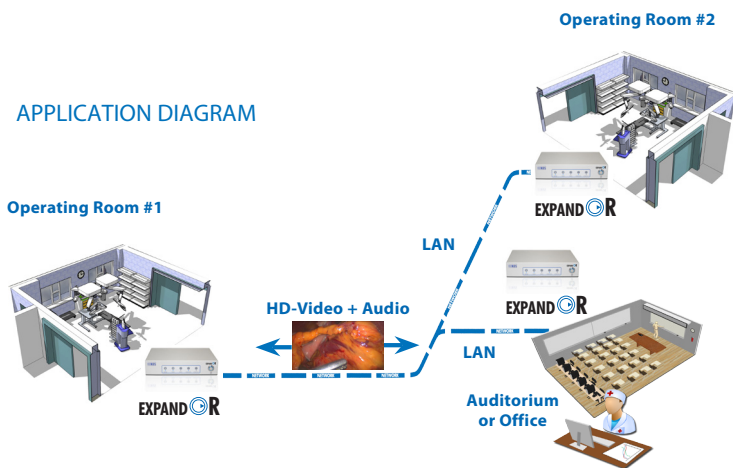
## GENERAL SPECIFICATIONS

Power Requirements	12 - 24 VDC (25 Watts Maximum Consumption)
Dimensions (D x H x W)	5.8 x 1.75 x 7.5 inches (147 x 45 x 191 mm)
Weight	5 lbs (2.3 Kg)
Temperature	Operating: 0 to +35°C (+32 to +95°F) Storage: -20 to +60°C (-4 to +140°F)
Humidity	Operating: 20 – 85% RH, Storage: 5 – 85% RH
Control Interface	Web Interface, GPIO or Front Buttons
Compatible Displays	NDS Radiance®, EndoVue® and Other Displays

## REAR I/O PANEL



## APPLICATION DIAGRAM



## MEDICAL-GRADE HD-VIDEO/AUDIO STREAMING DEVICE



## STREAMING ENCODER INPUTS

These inputs can be encoded and streamed (transmitted) over an IP network.

### HD VIDEO INPUTS

DVI-Digital

### CONNECTIVITY

DVI-D, Single-link

### AUDIO INPUT

Analog Audio In

### CONNECTIVITY

3.5 mm Phono Jack (1 Mic or 1 Line input)

## STREAMING DECODER OUTPUTS

These outputs are active when decoding (receiving) an incoming stream.

### VIDEO OUTPUTS

DVI-Digital

S-Video

### CONNECTIVITY

DVI-D, Single-link

DIN-4, 75 Ω

### AUDIO OUTPUT

Analog Audio Out

### CONNECTIVITY

3.5 mm Phono Jack

## OTHER CONNECTIVITY

### CONTROL INPUTS

Serial Control Interface

Ethernet

GPIO

Mass Storage Device Port

D-sub 9pin

RJ-45

RJ-14

USB

### VIDEO & STILL IMAGE CAPTURE

## HD VIDEO STREAMING OVER ETHERNET

### TELEMEDICINE CONNECTIVITY

Ethernet

Full-Duplex HD Video

Full-Duplex Analog Audio

Streaming Protocol

Receiving Options/Features

RJ45, 100/1000 Network Interface

DVI In, DVI or S-Video Out

3.5 mm Phono Jack (2-in, 1-out)

RTP (H.264 Video Compression) over TCP and UDP

Box-To-Box Streaming or View & Record on a PC

### STREAMING RESOLUTIONS

1080p @ 50/60 fps (HD)

1080i @ 25/30 fps (HD)

720p @ 50/60 fps (HD)

480p @ 50/60 fps (SD)

480i @ 25/30 fps (SD)

### OPTIMUM BITRATE

15 Mb/s

8 Mb/s

5 Mb/s

3 Mb/s

1 Mb/s

## COMPLIANCE & CERTIFICATIONS

ANSI/AAMI ES60601-1; EN 60601-1; EN 60601-1-2; MDD 93/42/EEC & 2007/47/EC; CE; CAN/CSA C22.2 NO. 60601-1; Class I Medical Device; FCC Part 15; RoHS; WEEE; REACH and Conflict Minerals



ISO 9001:2008 and ISO 13485:2003;  
FDA Registration # 2954921

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