

NEW

ExpandOR™

Medical-Grade HD-Video/Audio Streaming



EXPANDOR™

- Optimized for endoscopy applications
- Intuitive and user friendly
- Patient privacy feature
- Bi-directional HD-video and audio
- Video recording and capture to USB
- Small footprint and lightweight

ExpandOR™ is a revolutionary device with the aim to transform technology into a clinical solution that supports the drive to improve patient outcomes, improve efficiency, and lower operating costs.

ExpandOR is the only medical-grade bi-directional HD-video and audio streaming device certified and compliant to be used within the patient vicinity in an endoscopic environment. Designed for user-friendly operation, ExpandOR can enable clinical collaboration using a telemedicine approach by transmitting and receiving HD-video and audio signals bi-directionally over a local IP network with low-latency performance.

Selectable video compression rates make efficient use of the IP network bandwidth without compromising image quality. The versatility of ExpandOR is further enhanced by its ability to capture video and still images to a USB storage device. Patient privacy is always considered a requirement when streaming, and with a built-in privacy feature, ExpandOR is designed to meet HIPAA compliance.

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SPECIFICATIONS

Streaming Bit Rates	8 Mb/s Default, User Selectable from 0.6 to 30 Mb/s
Compression Technology	H.264
Streaming Resolution	Up to 1920x1080p@60Hz
Streaming Latency	<500ms
Video/Audio Inputs	DVI-D/3.5mm Phono
Video/Audio Outputs	DVI-D, S-Video/3.5mm Phono
Control Interface	Front Buttons, GPI, or Web Interface
Patient Privacy	Designed Privacy Feature to meet HIPAA Compliance
Power Range	12-24V DC
Dimensions	5.8" x 1.75" x 7.5"/147mm x 45mm x 191mm (DxHxW)
Weight	1.3 lbs/0.59 kg
Shipping Weight*	5 lbs/2.3 kg
Shipping Dimensions	14" x 10" x 8"/36 x 25 x 20 cm
Warranty	1 Year
Green Compliance	REACH, RoHS-2, WEEE
Regulatory Compliance	ANSI/AAMI ES60601-1, EN60601-1, EN60601-1-2, MDD 93/42/EEC & 2007/47/EC, CE, Conflict Minerals, CAN/CSA C22.2 NO. 60601-1, Class I Medical Device, FCC Part 15

*Shipping weights are approximate.

ORDER INFORMATION

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NDS Quality System
 ISO 9001:2008 and ISO 13485:2003
 FDA Registration #2954921

