



ZeroWire

NDSsi ZeroWire technology is an advanced medical grade wireless video solution for minimally invasive surgery and interventional procedures. It delivers full high-definition surgical video in real time, with less than 1 frame latency. ZeroWire complies to the EN60601-1-2 standard by utilizing the UWB frequency spectrum that allows a robust wireless video link, protected from other device interference. ZeroWire improves clinical efficiency and safety in the OR by eliminating video cables - their cleaning, frequent replacement, and potential to be a tripping hazard. The proprietary memory-enabled pairing system makes installation quick and easy. ZeroWire technology provides medical grade quality of service and is specifically designed for the video transmission challenges of the surgical environment.

- Medical Grade Wireless Video Technology
- Full High-Definition Video (1080p60)
- Ultra Wide Band Technology
- Easy to Use Pairing System
- Latency less than 1 frame
- Compact and Lightweight

ZeroWire™

SYSTEM PERFORMANCE

Wireless Signal Type	Ultra Wideband (UWB)
Frequency Band	3.1 to 4.8 GHz
Data Rate	53.3 to 480 Mbps
Tx to Rx Range *	30 feet (10 meters)
Compression Technology	H.264
System Latency	Less Than One Frame
Hardware Encryption	128-bit AES
Interference Robustness	Up to -10 dB Signal To Interference Ratio
DDC Support (DVI Only)	Display EDID Communication
Bonding of Tx / Rx Pair	Memory-Enabled Pairing System

COMPLIANCE & CERTIFICATIONS

UL 60601-1, EN 60601-1, EN 60601-1-2, FCC Part 15 Class A, EN 302 065,
EN 301 489, CE 0673Ⓢ, CISPR11, FCC ID: UEZT7M201, RoHS, WEEE,
MDD Class I, FDA Class II, FDA 510(k) Clearance

* The effective range between the transmitter and receiver can vary depending upon the environment in which the product is operating. Follow the guidelines specified in the product's installation guide to achieve optimum performance and maximum Tx to Rx (transmitter to receiver) range.

ABOUT NDS SURGICAL IMAGING

At NDS Surgical Imaging (NDSsi), our vision is built upon the unique ability to supply the medical profession with technologies that enable practitioners to *integrate images* from many sources, *visualize a defect* or condition within the body and to *perform an intervention* that improves the quality of care. Founded in 1996, NDSsi is a privately held company in Silicon Valley with US-based manufacturing, R&D facilities and global sales and service offices. As the company moves into the next decade of innovation, the core focus remains to deliver cutting-edge visualization display products and informatics appliances that enable new clinical imaging solutions and fuel collaborative medicine. All NDSsi products are medical grade devices certified under the most stringent safety and environmental standards.

Learn more about NDS products at: www.ndssi.com



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Receiver (Rx)



Transmitter (Tx)



Mounted Using Display VESA Bracket