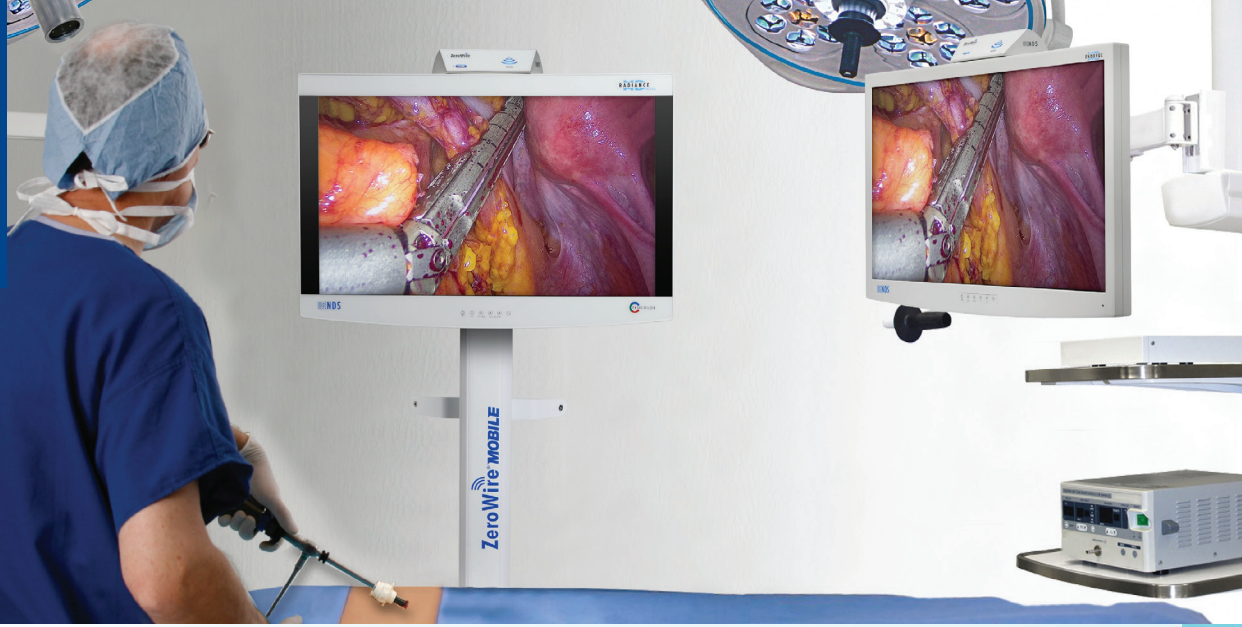




NDS
A Novanta Company



ZEROWIRE® G2

- *Optimized for endoscopy applications*
- *Promotes ergonomics and safety*
- *2D & 3D video support*
- *Auto-tracking optimizes reliability*
- *User feedback with on-screen messages*
- *Compatible with ZeroWire Mobile*



ZeroWire
NDS

MEDICAL-GRADE HD-VIDEO WIRELESS SYSTEM

ZeroWire® G2 is a revolutionary third-generation advanced wireless HD-video system with the aim to transform technology into a clinical solution that supports the drive to improve patient outcomes, improve efficiency, and lower operating costs.

Designed for user-friendly operation, ZeroWire G2 delivers full HD-video without noticeable video delay. Clinical teams can now enjoy greater mobility and positioning flexibility with wireless video imaging. The elimination of cables can enhance safety and patient care while promoting quicker turnaround times.

Once the simple link process is completed between a ZeroWire G2 pair, an automatic pairing logic keeps the two units linked between power cycles. An advanced, built-in video scaler processor in ZeroWire G2 enables virtually any HD-video source to be plug-and-play compatible. The upward angled front face of the ZeroWire G2 directs the Radio Frequency (RF) signal above obstructions towards the ceiling to maximize continuous wireless performance even under the most demanding conditions.

TECHNICAL SPECIFICATIONS

SPECIFICATIONS/FEATURES

Frequency Band	57-64 GHz
Transmitter (Tx) Video Input	DVI-D, 3G-SDI
Receiver (Rx) Video Output	DVI-D
Maximum Video Resolution Supported	1080p60
3D Video Support ¹	Interleaved (Line-by-Line), Top/Bottom, Side-by-Side via DVI-D
Compression Technology	None
Chroma Subsampling Performance	4:4:4 (DVI-D), 4:2:2 (3G-SDI)
Transmission Range ²	<30'/9.14m
Pairs Per Room	Up to 2
Patient Privacy Data Encryption	256-bit AES

GENERAL

Dimensions (W x H x D)	9.3 x 3.4 x 2.0 in / 236 x 87 x 52 mm (Single)**
Warranty	1 Year
Weight (Single)	1.0 lbs/0.45 kg (Single)
Shipping Weight*	2.5 lbs/1.1 kg (Single) 4.5 lbs/2 kg (Pair)
Shipping Dimensions	22" x 11" x 4"/56 x 28 x 10 cm (Pair)
Green Compliance	REACH, RoHS-3, WEEE

REGULATORY COMPLIANCE

ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1, EN 60601-1, EN 60601 1-2, Conflict Minerals, FCC Part 15 Class A, ICES-003, VCCI V-3, MDR Class I, MDR 2017/745, FDA Class II, FDA 510(K) Cleared, including RF module model SII-SK63102 and SII-SK63101, (RE-D) Directive 2014/53/EU, EN 302-567, EN 301 489, CE, FCC ID: UK2-SII-SK6310 or 2ASUJ-SII-SK63101 and UK2-SII-SK63102 or 2ASUJ-SII-SK63102, IC ID: 6705A-SIISK63101 or 25001-SII-SK63101 and 6705A-SIISK63102 or 25001-SII-SK63102, 007AA106

ORDERING INFORMATION


ZeroWire G2	90T2070	ZeroWire G2 Pair (Transmitter and Receiver)
	90T2071	ZeroWire G2 Receiver Only
	90T2072	ZeroWire G2 Transmitter Only
ZeroWire G2 Accessory Kit ³	90Z0152	Pair: Radiance 24", 26", EndoVue 24"
	90Z0154	Pair: Radiance G2 HB 26"
	90Z0156	Pair: Radiance Ultra 27"
	90Z0162	Pair: Radiance Ultra 32", EndoVue Plus 4K 32"
	90Z0153	Single: Radiance 24", 26", EndoVue 24"
	90Z0155	Single: Radiance G2 HB 26"
	90Z0157	Single: Radiance Ultra 27"
	90Z0163	Single: Radiance Ultra 32", EndoVue Plus 4K 32"

CONTACT INFORMATION

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Transmitter (Tx)



Receiver (Rx)



¹ 3D support is only available to SMPTE compliant video timings at 1080p 59.94/50 Hz via DVI-D.

² Follow user manual guidelines to achieve optimum performance and maximum range.

³ Single or Pair kit includes display mounting bracket(s), power cable display/ZeroWire splitter(s) (24"-32"), and DVI-D cable(s).

* Shipping weights are approximate

** Tolerance +/- 0.3 mm

NDS Quality System
ISO 13485 FDA Registration #2954921
Document 72D0040 Rev I