ZeroWire®

- 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® 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.

NDS
A Novanta Company

ZeroWire® G2
Medical-Grade HD-Video Wireless System

SPECIFICATIONS

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
System Latency	<1 Frame, less than 16ms
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
Warranty	1 Year
Dimensions (single unit)	9.5" x 3.5" x 2.0"/238 x 88 x 50 mm (WxDxH)
Weight (single unit)	1.0 lbs/0.45 kg
Shipping Weight**	Single unit – 2.5 lbs/1.1 kg Pair – 4.5 lbs/2 kg
Shipping Dimensions	Single unit – 13" x 10.5" x 4"/33 x 27 x 10 cm Pair – 22" x 11" x 4"/56 x 28 x 10 cm
Green Compliance	REACH, RoHS-2, 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, MDD Class I, 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 V2.0.24, EN 301 489, CE, FCC ID: UK2-SII-SK6310 and UK2-SII-SK63102, IC ID: 6705A-SIISK63101 and 6705A-SIISK63102, ⊕·007AA106, ⊕·007AA107

[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.

**Shipping weights are approximate.

ORDER INFORMATION

ZeroWire G2

90T2070	ZeroWire G2 Pair (Transmitter and Receiver)
90T2071	ZeroWire G2 Receiver Only
90T2072	ZeroWire G2 Transmitter Only

ZeroWire G2 Accessory Kit*

90Z0152	**Pair:**	Radiance 24", 26", EndoVue 24"
90Z0154	**Pair:**	Radiance G2 HB 26"
90Z0156	**Pair:**	Radiance Ultra 27"
90Z0162	**Pair:**	Radiance Ultra 32"
90Z0158	**Pair:**	Radiance 42", 55"

90Z0153	**Single:**	Radiance 24", 26", EndoVue 24"
90Z0155	**Single:**	Radiance G2 HB 26"
90Z0157	**Single:**	Radiance Ultra 27"
90Z0163	**Single:**	Radiance Ultra 32"
90Z0159	**Single:**	Radiance 42", 55"

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

Transmitter (Tx)

Receiver (Rx)