

Wireless AV Tranceiver System

WUH4000



Wireless Flexibility

With FSN's wireless system, medical equipment layouts can be flexible and completely mobile. Reduced wiring helps eliminate

snagging or tripping hazards. Turn-around time is fast and efficient without the need to constantly connect and disconnect wires from equipment.



4K Source to Display

WUH4000 is the result of extensive research and development. By implementing frequencies that do not interfere with other wireless signals, this system delivers video that is uncompressed, near-zero latency, and free from lagging or stalling. It is designed for in-room use with a typical range of up to 10 meters.

Medi-Cast™ Technology

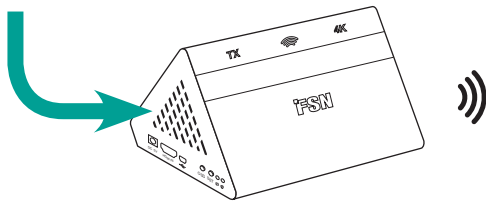
Medi-Cast wireless technology from FSN offers these benefits:

- Dual displays viewing option.
- Smart antenna can negotiate non line of sight operation.
- On-screen signal strength indicator.



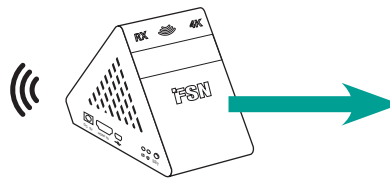
- Data encryption for privacy.
- Uncompressed streaming video up to 4K UHD resolution.
- Near zero latency (less than one frame).
- Audio output, up to 7.1 channels.

Source

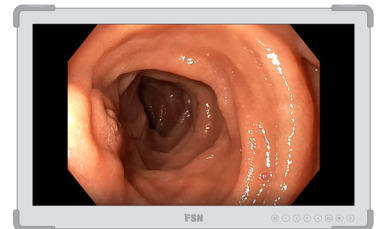


4K UHD wireless transmitter.

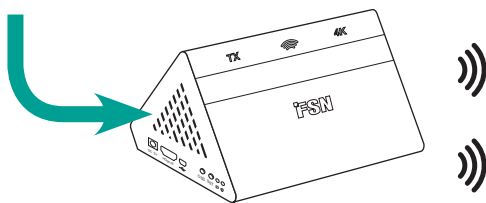
1 to 1 connection



4K UHD wireless receiver.

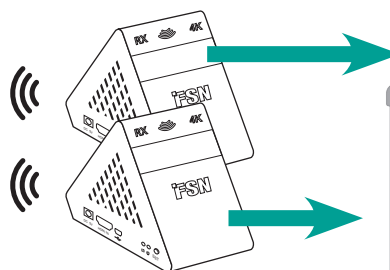


Source

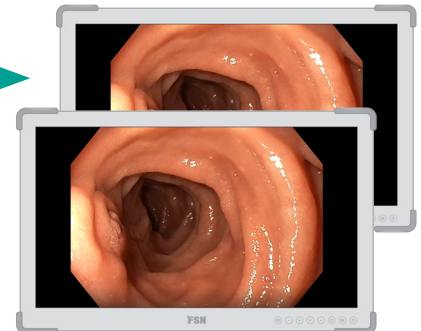


4K UHD wireless transmitter.

1 to 2 connection



4K UHD wireless receivers.



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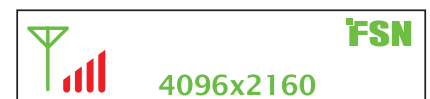
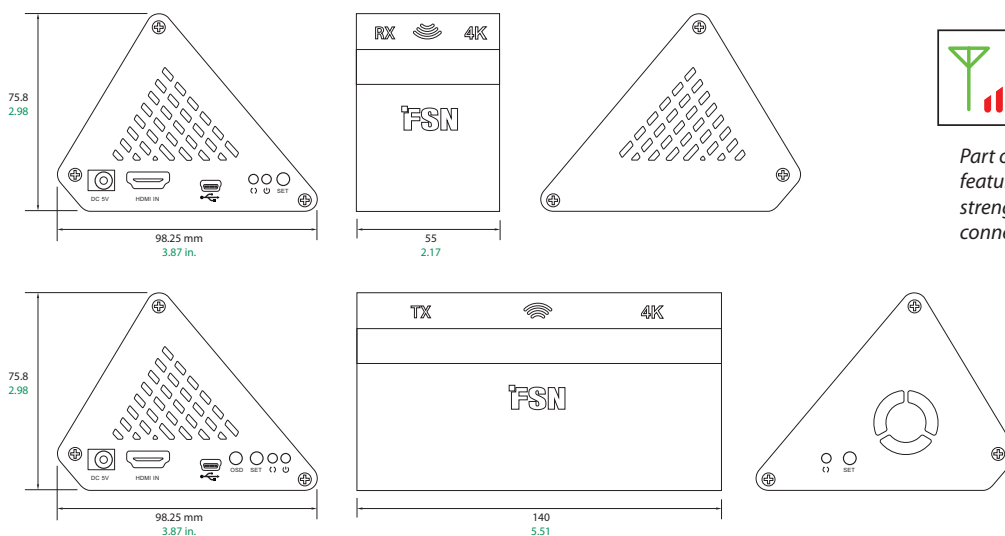
WUH4000



General Features

Item	Feature	Description
Main	Wireless standard	60 GHz WiHD frequency
	Stream video	Uncompressed video stream up to 4K/UHD resolution
	Latency	Less than one frame
	Range	10 meter, (NLOS)
	Signal strength	On-screen indicator
	Antenna scheme	Beam steering technology
	Antenna type	Onboard integrated antenna array
	Multicast/dual display option (separate firmware required).	2 displays per room maximum. 1TX to 2RX, or 2TX to 2RX.
	Private data encryption	256-bit AES
	Video interface	Input/Output signal
Content compliance		HDCP 2.2
Protocol		HDMI, DVI
Resolution		480i/480p@60Hz 576i/576p@50Hz 720p@50/60Hz 1080i@50/60Hz 1080p@24/30/50/60Hz 4K x 2K, UHD @ 24/30/60Hz (input)
Audio interface	Audio output	Up to 7.1 channels, high bit rate
	Audio format	LPCM channels 2, 6, 8 S/PDIF channels 6, 8
Data interface	FW upgrade	Micro USB 2.0
Control/status indicator	Wireless link/set	TX: 2 x SET buttons RX: 1 x SET button TX: 2 x link LED (amber) RX: 1 x link LED (amber)
	Signal strength control	TX: OSD button on/off
	Power	LED (green)
	RF	Radiated power (EIRP)

Item	Feature	Description
Power	Requirement	Adapter Technology, Inc. ATM036T-P050 VAC: 100-240 (50/60 Hz) 5V/5A DC
	Consumption	TX: 15W RX: 3.5W
Physical	Weight	TX: 0.57 kg, 1.25 lbs. RX: 0.23 kg, 0.5 lbs. Shipping package: TBD
	Dimension	TX: 75.8 (H) x 140 (W) x 98.25(D) (mm) RX: 75.8 (H) x 55 (W) x 98.25(D) (mm) Shipping package: TBD
Environmental	Operating temp.	32F~104F (0C~ 40C)
	Humidity	5%~85%
	Storage temp.	-4F ~ 140F (-20C~60C)
MTBF	Humidity	10%~85%
		30000 hours
Compliance	FCC	Part 15B Class B, MPE SAR IUK2-SII-SK63102 (Tx) UK2-SII-SK63101 (Rx)
	IC	RF IC RSS 210 6705A-SIISK63102 (Tx) 6705A-SIISK63101 (Rx)
	CE	EN 301489-1 EN 62311 EN 60950-1 EN 302567
	CE EMC	EN 60601-1, IEC/EN 60601-1-2
	Japan (Telec & Jate)	TBD
	Korea (KCC)	TBD
	FDA	510K
	Green	RoHS



Part of the Medi-Cast™ technology feature set includes an on-screen signal strength indicator that shows WUH4000's connection status.

Specifications are subject to change with or without notice. Doc. # FSN2017 Rev. 11/19

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