

Wireless AV Transceiver System

Model: **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.

FHD or 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

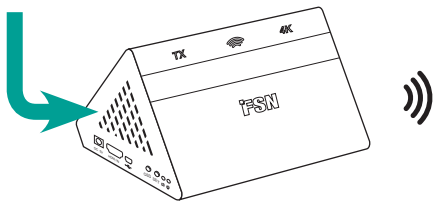
Medi-Cast wireless technology from FSN offers these benefits:

- 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.



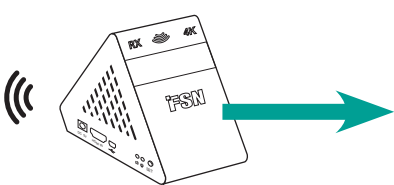
Part Numbers	Included System and Accessories
FHD-1TX-1RX	Full HD wireless A/V, 1 transmitter to 1 receiver
FHD-1TX-2RX	Full HD wireless A/V, 1 transmitter to 2 receivers
WUH4000	4K wireless A/V, 1 transmitter to 1 receiver
WUH4000-D	4K wireless A/V, 1 transmitter to 2 receivers

Source



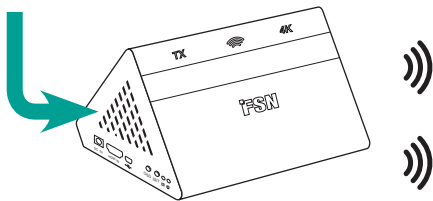
Wireless transmitter.

1 to 1 connection



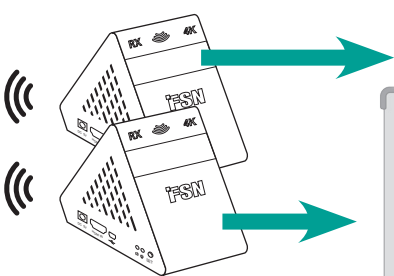
Wireless receiver.

Source



Wireless transmitter.

1 to 2 connection



Wireless receivers.

Up to 10 meter range (typical).

Will not travel through walls.

Wireless AV Transceiver System

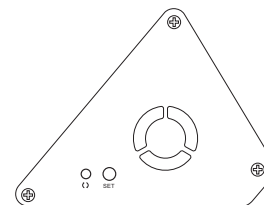
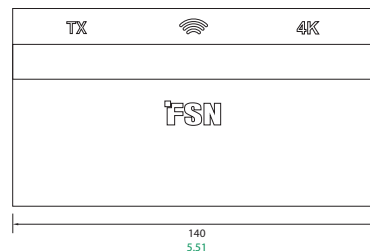
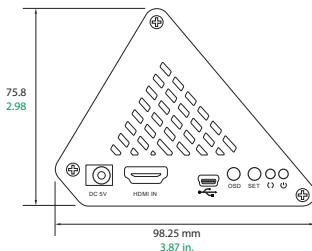
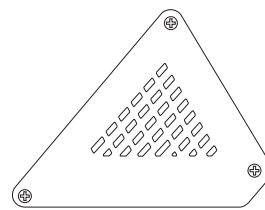
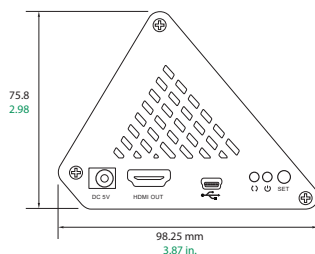
Model: **WUH4000**



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 meters, (NLOS)
	Signal strength	On-screen indicator
	Antenna scheme	Beam steering technology
	Antenna type	Onboard integrated antenna array
	Single or multi display option.	2 displays per room maximum. • 1TX to 1RX • 1TX to 2RX
	Private data encryption	256-bit AES
	Input/Output signal	DVI,HDMI (supports 4K HDMI 2.0)
Video interface	Resolution	FHD 480i/480p@60Hz 576i/576p@50Hz 720p@50/60Hz 1080i@50/60Hz 1080p@24/30/50/60Hz
		UHD 4K (3840 x 2160) @ 24/30/60Hz (input) 4K (3840 x 2160) @ 24/30Hz (output)
	Audio output	Up to 7.1 channels, high bit rate
	Audio format	LPCM channels 2, 6, 8 SPDIF channels 6, 8
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)	TX HRP: 28.3 dBm (average) RX LRP: 25.3 dBm (average)

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.	
	Dimension	TX: 75.8 (H) x 140 (W) x 98.25 (D) mm 2.98 (H) x 5.51 (W) x 3.87 (D) inches RX: 75.8 (H) x 55 (W) x 98.25 (D) mm 2.98 (H) x 2.17 (W) x 3.87 (D) inches Shipping package: 82.6 (H) x 400 (W) x 368.3 (D) mm 3.25 (H) x 15.75 (W) x 14.5 (D) inches	
Environmental	Operating temp.	32F~104F (0C~ 40C)	
	Humidity	5%~85%	
	Storage temp.	-4F ~ 140F (-20C~60C)	
	Humidity	10%~85%	
MTBF		30000 hours	
Compliance	FCC	Part 15 Subpart B Class B	
	FCC ID	UK2-SII-SK63102 UK2-SII-SK63101	
	IC ID	6705A-SIISK63102 6705A-SIISK63101	
	CE (RED)	EN 301-489-1 EN 62311 EN 60950-1 EN 302-567	
		CE (UL EMC)	EN 60601-1, IEC/EN 60601-1-2
		Japan	TELEC
	Korea Compliance	KCC	
	VCCI Compliance	VCCI	
	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. 7/20

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