

# Wireless AV Transceiver System

Model: **WUH4000** Part Numbers: FHD-1TX-1RX, FHD-1TX-2RX



## 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 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

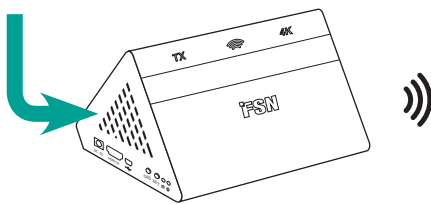
Medi-Cast wireless technology from FSN offers these benefits:

- 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.
- Near zero latency (less than one frame).
- Audio output, up to 7.1 channels.



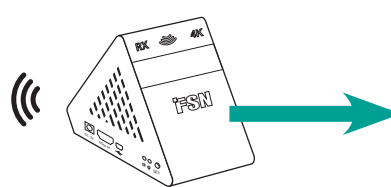
Part Numbers	Included System and Accessories
FHD-1TX-1RX	Full HD wireless A/V, 1 transmitter to 1 receiver
FHD-1TX-2RX	Full HD wireless A/V, 1 transmitter to 2 receivers

### Source



Wireless transmitter.

### 1 to 1 connection

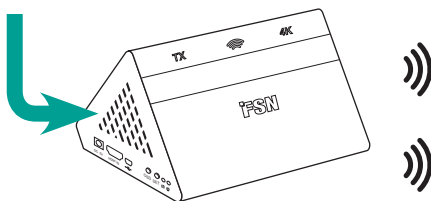


Wireless receiver.



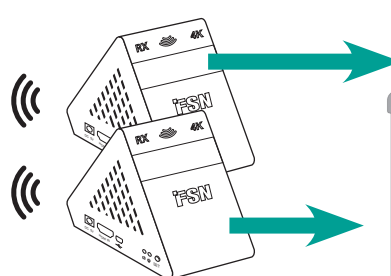
Up to 10 meter range (typical).

### Source

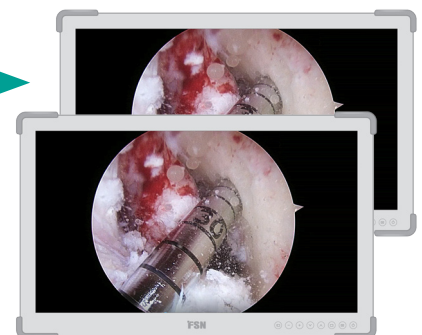


Wireless transmitter.

### 1 to 2 connection



Wireless receivers.



Will not travel through walls.

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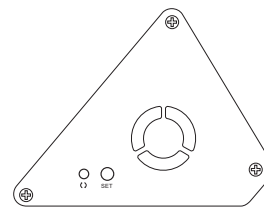
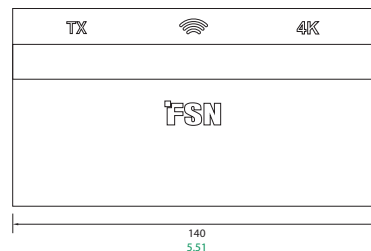
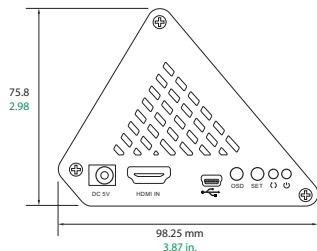
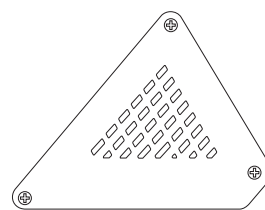
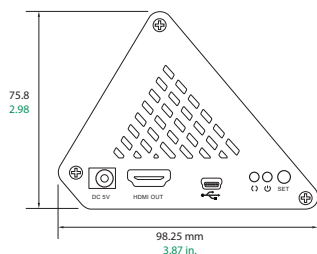


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## General Features

Item	Feature	Description
Main	Wireless standard	60 GHz WiHD frequency
	Stream video	Uncompressed video stream
	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 HDMI 2.0)
Content compliance	HDCP 2.2	
Video interface	Resolution	480i/480p@60Hz 576i/576p@50Hz 720p@50/60Hz 1080i@50/60Hz 1080p@24/30/50/60Hz
	Audio output	Up to 7.1 channels, high bit rate
	Audio format	LPCM channels 2, 6, 8 SPDIF channels 6, 8
	Wireless link/set	TX: 2 x SET buttons RX: 1 x SET button
	Signal strength control	TX: OSD button on/off
Control/status indicator	Power	LED (green)
	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.# FSN2046 Rev.11/20

[www.fsnmed.com](http://www.fsnmed.com)

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