

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 in 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

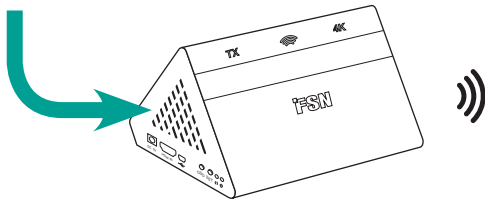
Medi-Cast wireless technology from FSN offers these benefits:

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



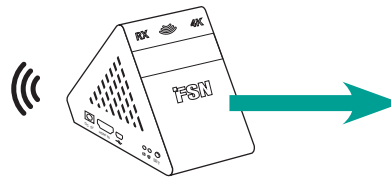
- Data encryption for privacy.
- Uncompressed streaming video up to 4K UHD resolution.
- Near zero latency (less than one frame).
- Audio output, up to 7.1 channels.

Source



4K UHD wireless transmitter.

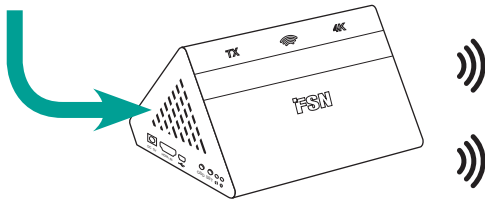
1 to 1 connection



4K UHD wireless receiver.

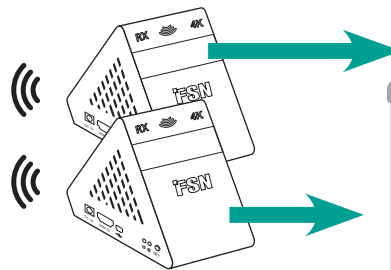


Source

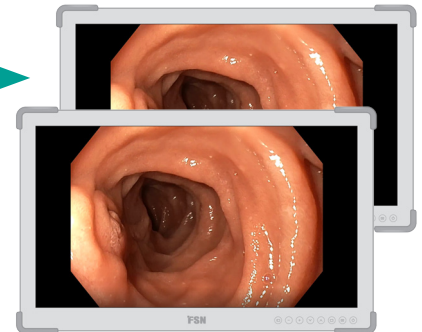


4K UHD wireless transmitter.

1 to 2 connection



4K UHD wireless receivers.



www.fsnmed.com

Foreseeson Custom Displays, Inc.
2210 E. Winston Road
Anaheim, CA 92806 USA
Tel: 714-300-0540
Fax: 714-300-0546

San Jose, CA Tel: 714-507-3851
Fort Lee, NJ Tel: 714-507-3852

Foreseeson Korea
404B, PangyoInnovalley B
253 Pangyo-ro
Bundang-gu Seongnam-si
Gyeonggi-do, Korea 463-400
Tel: +82-31-8018-0780
Fax: +82-31-8018-0786

Foreseeson GmbH
Industriestrasse 38a
63150 Heusenstamm, Germany
Tel: +49 6104 64398 0
Fax: +49 6104 64398 11

Foreseeson UK Ltd.
Unit 71 Barwell Business Park
Leatherhead Road
Chessington, Surrey KT9 2NY
Tel: +44 (0) 208 546 1047

Foreseeson (Shanghai)
Medical Equipment Co., Ltd.
Room 307, 3F
No. 56, 461 Hongcao Road
Caohejing Development District
Xuhui, Shanghai 200233
Tel: 86-21-6113-4188

Wireless AV Tranceiver System

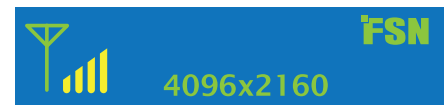
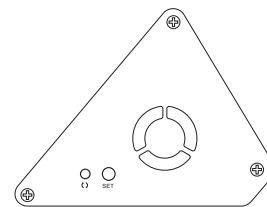
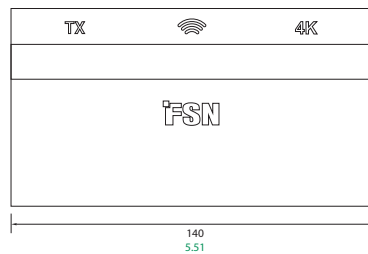
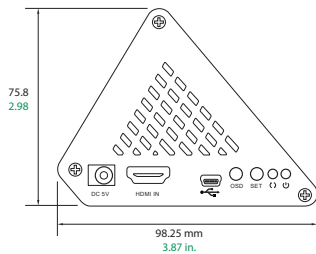
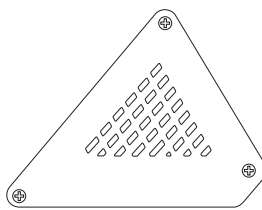
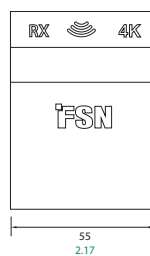
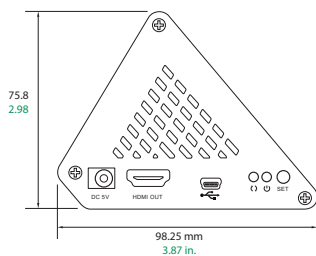
WUH4000



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	HDMI 2.0
Video interface	Content compliance	HDCP 2.2
	Protocol	HDMI, DVI
	Resolution	480i/480p@60Hz
		576i/576p@50Hz
Audio interface	Audio output	Up to 7.1 channels, high bit rate
	Audio format	LPCM channels 2, 6, 8 SPDIF 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)	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. 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)
	Humidity	10%~85%
MTBF		30000 hours
Compliance	FCC	Part 15 Subpart B Class B
	FCC ID	UK2-SII-SK63102 UK2-SII-SK63101
	IC RF	RSS 210
	IC ID	6705A-SIISK63102
		6705A-SIISK63101
	CE (RED)	EN 301-489-1 EN 62311 EN 60950-1 EN 302-567
		CE (UL EMC)
	Japan	TELEC
	Korea Compliance	KCC
	VCCI Compliance	VCCI
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. 12/9/19

www.fsnmed.com

Foreeseon Custom Displays, Inc.
2210 E. Winston Road
Anaheim, CA 92806 USA
Tel: 714-300-0540
Fax: 714-300-0546

San Jose, CA Tel: 714-507-3851
Fort Lee, NJ Tel: 714-507-3852

Foreeseon Korea
404B, PangyoInnovalley B
253 Pangyo-ro
Bundang-gu Seongnam-si
Gyeonggi-do, Korea 463-400
Tel: +82-31-8018-0780
Fax: +82-31-8018-0786

Foreeseon GmbH
Industriestrasse 38a
63150 Heusenstamm, Germany
Tel: +49 6104 64398 0
Fax: +49 6104 64398 11

Foreeseon UK Ltd.
Unit 71 Barwell Business Park
Leatherhead Road
Cheshington, Surrey KT9 2NY
Tel: +44 (0) 208 546 1047

Foreeseon (Shanghai)
Medical Equipment Co., Ltd.
Room 307, 3F
No. 56, 461 Hongcao Road
Caohejing Development District
Xuhui, Shanghai 200233
Tel: 86-21-6113-4188