

Wireless Imaging System

WUH4060



4K Source to Display at 60Hz

WUH4060 delivers uncompressed wireless audio and video, offers near-zero latency, and is free from lagging or stalling. It is designed for in-room use with a typical range of up to 30 meters. WUH4060 is the result of extensive research and development, making sure that the system does not interfere with other wireless signals.

- **HDMI 2.0 and 12G**
- **Uncompressed AV streams**
- **Video resolution up to 4K60Hz**
- **Privacy Data Encryption**
- **Near Zero latency (~1ms)**



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.



Transmitter (TX)

Receiver (RX)

General Features

Item	Feature		Description
Main	Wireless standard		WHDI
	Frequency band		5 GHz
	Max video resolution		DCI/UHD 4K60 Hz (HDMI2.0/12G)
	Streaming		Uncompressed video and audio streams
	Latency		Near zero (<1ms)
	Range		30 meters, (non line of sight)
	Signal strength		OSD (On/Off option)
	Private data encryption		256-bit AES, RSA 1024 keys
Video interface	Input/Output signal		HDMI 2.0, 12G
	Resolution		4Kp 23.98/24/25/29.97/30/50/59.94/60 1080p 23.98/24/25/29.97/30/50/59.94/60 1080psf 23.98/24/25/29.97/30 1080i 50/59.94/60 720p 50/59.94/60 480i 29.97/57.6i25
	Color sampling	HDMI 2.0	YUV 4:2:2 10/12-bit (4K50p to 60p formats only) YUV 4:2:0 8-bit RGB/YUV 4:4:4 10-bit (All formats except 4K50p to 60p) RGB/YUV 4:4:4 8-bit
		12G	YUV 4:2:2 10-bit YUV 4:2:2 12-bit (All formats except 4K50 to 60p) YUV/RGB 4:4:4 10-bit (All formats except 4K50p to 60p)
Audio interface	Audio channel		2 channels
	Audio format		PCM 48Khz 24bit
Maintenance	FW upgrade		Micro USB 2.0
Control/Status indicator	3 x (LED indicators)		1x Power On/Off indicator 1x Wireless Link indicator 1x Source Connected indicator
	Signal strength display		OSD signal quality graph via RX menu On/Off
	Power		On/Off Switch

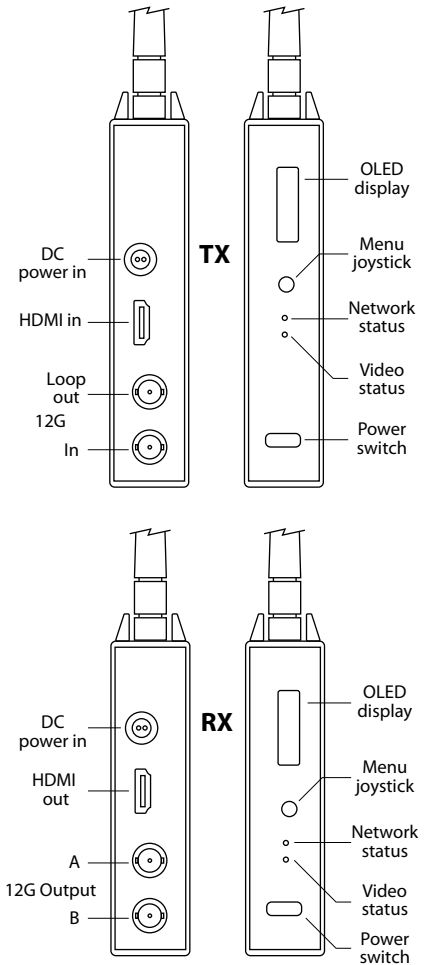
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General Features

Item	Feature	Description
RF	Radiated power (EIRP)	TX: 19 dBm (max), RX: 17 dBm (max)
	Frequency range	Non-DFS Frequencies: 5.190 ~ 5.230 GHz and 5.755 ~ 5.830 GHz DFS Frequencies: 5.270 ~ 5.670 GHz
	Antenna	TX: 4 (max), RX: 5 (max)
Power	Requirement	12V/3A DC
	Consumption	TX: 20 W, RX: 18W
Physical attributes	Weight	TX: 0.36 kg (0.79 lbs.) RX: 0.43 kg (0.95 lbs.) Shipping package: 3.81 kg (8.4 lbs.)
	Dimension	TX: 132 (H) x 91 (W) x 27 (D) mm 5.2 (H) x 3.58 (W) x 1.06 (D) inches RX: 112 (H) x 139 (W) x 27 (D) mm 4.41 (H) x 5.47 (W) x 1.06 (D) inches Shipping package: 152 (H) x 508 (W) x 381 (D) mm 6 (H) x 20 (W) x 15 (D) inches
Environment	Operation	Temperature: 32F~104F (0C~40C) Humidity: 5%~85%
	Storage	Temperature: -4F ~ 140F (-20C~60C) Humidity: 10%~85%
Compliance	FCC CFR 47	FCC Part15 Subpart E Class B FCC Part15 Subpart B Class A
	FCC ID	TX: VQSAMN41012 RX: VQSAMN42012
	IC ID	TX: 7680A-AMN41012 RX: 7680A-AMN42012
	CE EMC, RED	EN 55011:209 +A1:2010 EN 61000-3-2:2014, EN 61000-3-3:2013 EN 301-489-1 v2.1.1, EN 301-893 v2.1.1 EN 62311, EN 300-328 v2.1.1
	Medical safety	EN 60601-1 EN 60601-1-2:2015
	VCCI	VCCI-CISPR 32:2016

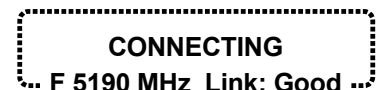


Accessories

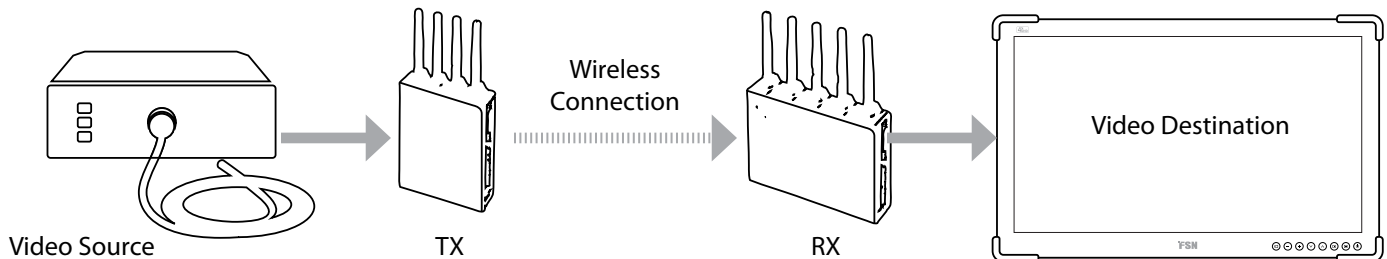
- HDMI 2.0 cables. 2
- 12GSDI cables. 2
- DC/AC Adapter 12V/3A power supply 2
- Quick-Start Guide 1
- Bracket 2



Message on destination monitor during TX to RX linking process.



Message on destination monitor confirming successful link.



Specifications are subject to change with or without notice. Doc.# FSN2057 Rev. 11/21

www.fsnmed.com

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