Wireless Imaging System

WUH4060

Medical Technologies

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		Design Input
Main	Wireless standard		5 Ghz Frequency
	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	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 480p 59.94/576p50
	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	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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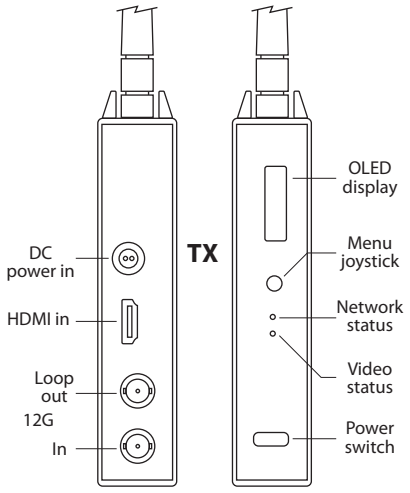
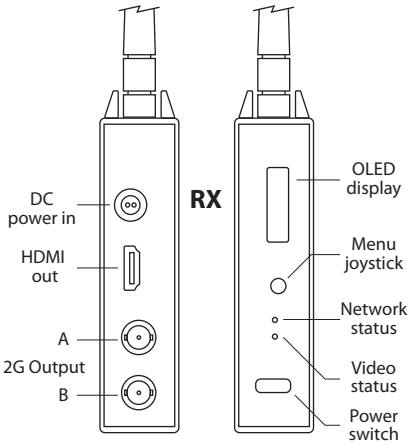
General Features

Item	Feature	Design Input
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 ~ 5.795 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: 360g (12 oz) RX: 434g (15.3 oz)
	Dimension: L x W x L (mm)	TX: 132 x 91 x 27 RX: 112 x 139 x 27
Environment	Operation	Temperature: 32F~104F (0C~ 40C) Humidity: 5%~85%
	Storage	Temperature: -4F ~ 140F (-20C~60C) Humidity: 10%~85%
Compliance	FCC CFR 47	Part15 Subpart E Class B Part15 Subpart B Class A
	FCC ID	TX: VQSAMN41012 RX: VQSAMN42012
	IC ID	TX: 7680A-AMN41012 RX: 7680A-AMN42012
	CE EMC	EN 55011:209 +A1:2010 EN 60601-1-2:2015 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
	CE (RED)	EN 300-328 v2.1.1
	VCCI	VCCI-CISPR 32:2016





Accessories

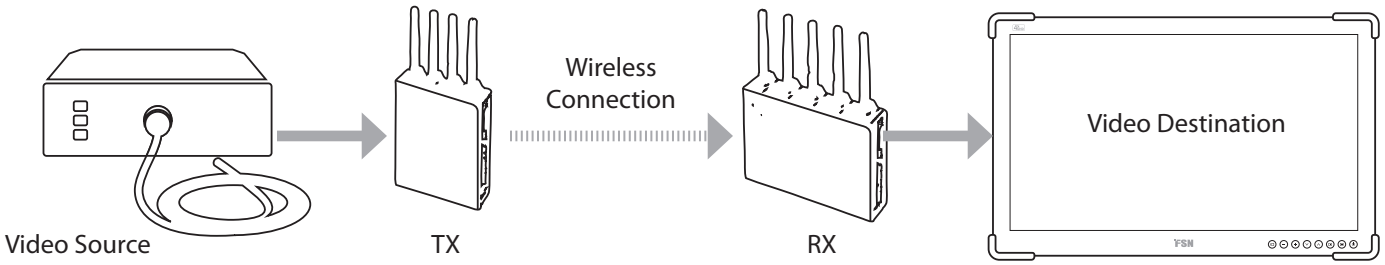
HDMI 2.0 cables 2
12GSDI cables 2
DC/AC Adapter 12V/3A power supply 2
Quick-Start Guide 1
Bracket 2

CONNECTING
F 5190 MHz

Message on destination monitor during TX to RX linking process.

CONNECTING
F 5190 MHz Link: Good

Message on destination monitor confirming successful link.



Specifications are subject to change with or without notice. Doc. # FSN2057 Rev. 7/21

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