

Wireless HD Transmission System

S-4901S, S-4902S

SWIT®

Introduction:

The SWIT wireless HD transmission system adopts professional WHDI (MIMO/OFDM) technology, supports uncompressed 3G/HD/SD-SDI transmission in 50-100 meters scale, with less than 1ms latency, auto selecting 5.1GHz-5.9GHz frequency, license free.

◆ Wireless Method

Professional WHDI (MIMO/OFDM) wireless module

◆ Uncompressed 3Gb/s SDI transmission

Up to 1080p 50/60 uncompressed SDI wireless transmission

◆ 50-100 meters transmission distance

The effective transmission distance is 50 meters, and in open outdoor space, the wireless distance could be extended to about 100 meters.

◆ Less than 1ms latency

There's no discernible video delay and you can use it as real time on-location monitoring.

◆ License free operation frequency

The wireless frequency is 5.1-5.9GHz, license free operated.

◆ Input/Output

S-4901S transmitter supports 1 SDI input and 1 SDI loop output

S-4902S receiver supports 2 SDI output

◆ SDI embedded audio transmission

2-ch SDI embedded audio supported

◆ Multicast supported

You can use 1 transmitter to broadcast to multi receivers wirelessly.

◆ Encryption

Support AES 128-bit encryption to protect the transmission

◆ V-mount application

Both of the transmitter and receiver are V-mount adaptor, for V-mount batteries and cameras.



S-4901S
Transmitter

S-4902S
Receiver



Specifications:

Model	S-4901S		S-4902S
Input	3G/HD/SD-SDI input x1		Wireless receiving
Output	Wireless transmitting, 3G/HD/SD-SDI loop out x1		3G/HD/SD-SDI output x2
Format	SDI	SMPTE-425M	1080p(60/59.94/50)
		SMPTE-274M	1080p(30/29.97/25/24/23.98)/1080i(60/59.94/50)
		SMPTE-RP211	1080psf (30 / 29.97 / 25 / 24 / 23.98)
		SMPTE-296M	720p(60/59.94/50)
		SMPTE-125M	480i(59.94)
		ITU-R BT.656	576i(50)
Wireless Frequency		5.1 – 5.9GHz License-free	
General	Input voltage	DC / battery 6.5-17V	
	Power consumption	≤10W	
	Working environment	Temperature: 0°C +40°C, Humidity:10%-95%	
	Dimension	196×145×56mm (w/o antenna)	
	Net weight	527g	555g

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