

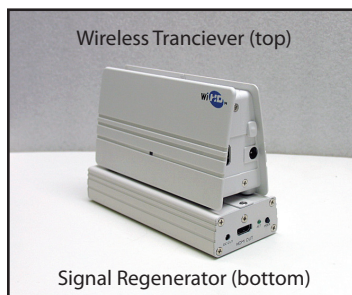
## Signal Conditioner and Scaler for Wireless Transmission

The WIS1001 is a signal conditioner and scaler for single link DVI to HDMI conversion. It shapes and synchronizes a video signal, up or down, in order to make the signal compatible with wireless transmission. The WIS1001 is designed primarily to be used with FSN's WIS1000 wireless transceiver system.

In applications where there are mismatched resolutions, it helps establish a solid wireless connection between endoscopic cameras or other medical video equipment, and medical display monitors. WIS1001 can automatically establish a common resolution between different video sources and displays. This is especially useful when multiple components and signal types are used as sources in a wireless video setup.

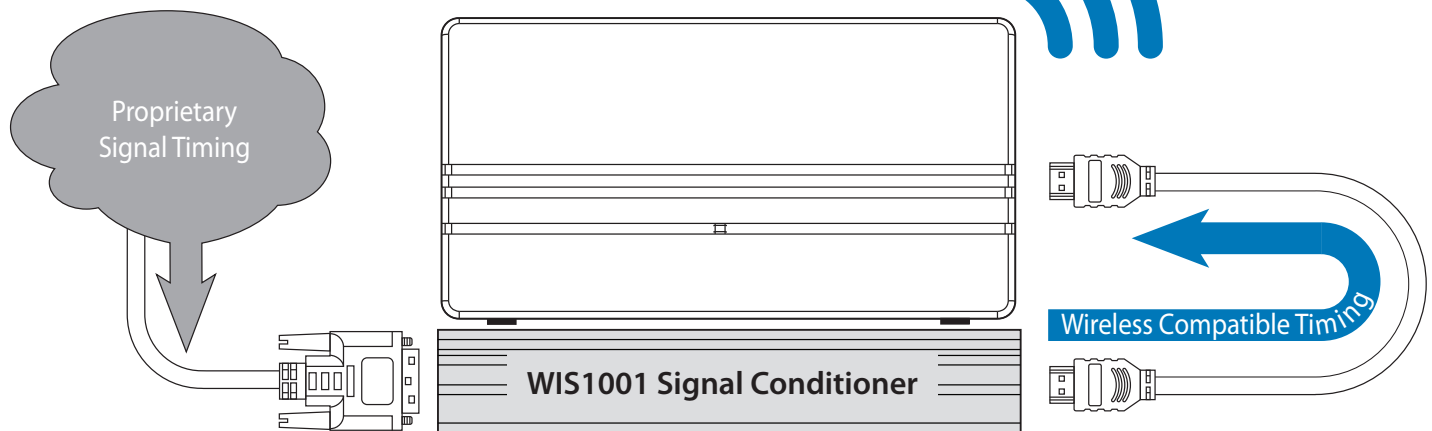


- Scales a video signal, up or down, for optimum wireless transmission
- Mounts as a base to WIS1000 wireless transceivers
- Supports high quality 1080p video
- Optional VESA mount bracket



*The WIS1001 is designed to be used with, and easily connected to, FSN's wireless WIS1000 product.*

*Conditions and standardizes video signals for wireless communication!*



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

Fort Lee, New Jersey  
Tel: 201-849-4495  
  
Atlanta, Georgia  
Tel: 770-871-1895  
  
Orlando, Florida  
Tel: 407-667-3586

[www.fsnmed.com](http://www.fsnmed.com)  
  
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 2 Kingsmill Business Park  
Chapel Mill Road  
Kingston upon Thames, Surrey KT1 3GZ  
Tel: +44 (0) 208 546 1047  
Fax: +44 (0) 208 546 3931

## Specifications

### General Specifications

Item	Description
Frequency	VGA to WUXGA, 480i~1080p
Input/Output Interface	Input : DVI-D interface with EDID Output : HDMI interface
Physical Specifications	Weight : 290 g (without wireless bracket) Dimension : 166.5mm (6.56") x 66.0mm (2.6") x 30.8 mm (1.21") (without wireless bracket)
Adapter Power	AC 90-240~ ,50-60Hz input, DC +5V 2.0A
Regulatory	CE,FCC Certified
Power consumption	2 W max
Mode select	12 mode output select by pressing switch. 640x480@60 / 800x600@60 / 1024x768@60 / 1280x1024@60 / 1680x1050@60 / 480p60 / 576p50 / 720p50 / 720p60 / 1080p24 / 1080p50 / 1080p60
LED Indicators	One LED display / power state indication Green : normal operation    Blinking : mode change    Off: power off

### Input PC Timing

Resolution	Resolution	Resolution	Resolution
640 x 350 @60Hz	640 x 350 @70Hz	640 x 350 @85Hz	640 x 400 @60Hz
640 x 400 @70Hz	640 x 400 @85Hz	640 x 480 @60Hz	640 x 480 @67Hz
640 x 480 @72Hz	640 x 480 @75Hz	640 x 480 @85Hz	640 x 870 @75Hz
720 x 400 @85Hz	800 x 600 @56Hz	800 x 600 @60Hz	800 x 600 @72Hz
800 x 600 @75Hz	800 x 600 @85Hz	832 x 624 @60Hz	832 x 624 @75Hz
1024 x 768 @60Hz	1024 x 768 @70Hz	1024 x 768 @75Hz	1024 x 768 @85Hz
1152 x 864 @60Hz	1152 x 864 @70Hz	1152 x 864 @75Hz	1152 x 870 @75Hz
1280 x 768 @60Hz	1280 x 768 @75Hz	1280 x 768 @85Hz	1280 x 960 @60Hz
1280 x 960 @85Hz	1280 x 1024 @60Hz	1280 x 1024 @75Hz	1280 x 1024 @85Hz
1360 x 768 @60Hz	1360 x 768 @75Hz	1360 x 768 @85Hz	1400 x 1050 @60Hz
1600 x 1200 @60Hz	1680 x 1050 @60Hz	1920 x 1200 @60Hz	

### Input TV Timing

Resolution	Resolution	Resolution	Resolution
480i@29	480i@30	480p@59	480p@60
576i@25	576p@50	720p@50	720p@59
720p@60	1080i@29	1080i@30	1080i@60
1080p@23	1080p@24	1080p@59	1080p@60

### Output Timing

Resolution	Resolution	Resolution	Resolution
1:1 copy	480p@60	576p@55	720p@50
720p@60	1080p@24	1080p@50	1080p@60
640x480@60	800x600@60	1024x768@60	1280x1024@60
1680x1050@60			

\* Output timing can be changed by pressing switch orderly.

