



Description

SC91D is a Full-HD Scalling Presentation Switcher with Audio Amplifier. It scales 9 video inputs (including 2xHDMI, 2xVGA, 2xComponent Video, 2xComposite video & 1xS-Video), up to 2 simultaneously (HDMI and VGA). IT supports HDTV, and is controllable via IR, RS232, and the front panel.

It is a high performance device for video conferencing rooms, educational facilities, control rooms, monitoring centers, government institutions, demonstration halls etc.

Features

- HDTV compatible. Full-HD display up to 1920*1200. Compatible with 1080P, 720P, WUXGA, SXGA, UXGA, XGA and SVGA
- 2x8 watt @4 Ohm digital amplifier output
- HDCP (High Definition Content Protection) compatible. It allows copy-protected data on the HDMI input to pass only to the HDMI output
- Compatible with HDMI, computer graphics video, Component Video, S-Video, and C-Video signals, with stereo audio. It scales up to the HDMI and VGA ports (15 pin HD)
- Two simultaneous video outputs (HDMI and VGA connectors)
- Powerful OSD (on-screen display), with full function control. Supports 11 languages, including English, French, Spanish, Portuguese, Arabic, German, Italian, Dutch, Russian, Chinese and Korean
- OSD password & time duration settings.
- Supports PIP (Picture-In-Picture) and PBP (Picture Beside Picture). The secondary window support transparency and window size setting.
- Video freeze function.
- Video parameter setting (color, hue, contrast, brightness, sharpness and video size). Supports video preset function (news, entertainment, music, cinema).
- High-Class windows setting (Tint, Phase, Frequency, H/V position, color space).
- High-Class volume setting (bass, treble, balance, sound mode) & audio mode presets.
- 7-channels audio follow or audio break away switching inputs. The audio is adjustable, and has audio level preset functions.
- Blank screen setting. Black / Blue screen selectable.
- 1 MIC input. MIC volume can be separately adjusted and preset.
- Audio mixing function. The output is mixed by MIC & line volume
- 1U Rack-mountable aluminium enclosure
- RS232 serial control port. Public command, works with third-party devices.
- IR remote control. Default IR remote to control all the functions of the Scaler Switcher.
- Optional TCP/IP control. It can be controlled through TCP/IP with PTNET.
- An LED indicator shows you the system & switching information of the product.
- Internal international power supply (100 Volt-240Volt AC, 50/60Hz)
- All models are equipped with an internal, auto-switching power supply that has all applicable safety certifications.

Technical Specifications

Video Input		Video Output	
Input Connector	HDMI female connector VGA (15 pin HD), female connector RCA female connector 4 pin mini DIN	Output Connector	HDMI female connector VGA (15 pin HD), female connector
Video Signal	HDMI RGBHV, RGBs, RGsB, RSGsBs; Y-Pb-Pr	Video Signal	HDMI RGBHV, RGBs, RGsB, RsGsBs
Video General			
Resolution Range	1080P, 1920*1080; 720P; 1280*720 WUXGA, 1920*1200; WXGA, 1280-800; SXGA, 12080*1024; UXGA, 1600*1200; XGA, 1024*768; SVGA, 800*600	Bandwidth	HDMI:4.95bps(1.65Gbps per color) Composite video:150MHz S-video:150MHz VGA: 375MHz
Maximum Pixel Clock	165MHz	Switching Type	Vertical interval
Switching Speed	200ns (Max)	Video Impedance	75Ω
VGA Crosstalk	-50dB@5MHz	Input/Output Level	0.5V~2.0Vp-p
Gain	0dB		
Audio Input		Audio Output	
Input	7 Stereo Audio for line audio Mono Audio for MIC audio	Output	2x8 watt@4 Ohm stereo audio for line audio
Input connector	3 RCA for Composite video & super audio	Output Connector	2 RCA for line audio
Audio Input Impedance	>10Ω	Audio Output Impedance	50Ω
Audio General			
Audio Connector	Mini Jacks; tip (L); ring(R); sleeve (GND)	Stereo Channel Separation	>80dB@1KHz
Frequency Response	20Hz~20KHz	CMRR	>90dB@20Hz to 20KHz
Control Parts			
Control/Remote	IR Remote, buttons, RS-232, 9-pin female D connector	Pin Configurations	2=TX, 3=RX, 5=GND
Options	TCP/IP control by PTNET		
General			
Temperature	-20~+70°C	Humidity	10%~90%
Power Supply	100VAC240VAC, 50/60Hz	Power Consumption	25W
Case Dimension	483(W) x 44(H) x 235(D)mm (1U high, full rack wide)	Product Weight	1.5kg