



Description

SC61D is a Mini Full-HD Presentation switcher. It scale 6 video inputs (including 2xHDMI, 1xVGA, 1xcomponent video, 1xcomposite video and 1xS-video, all to HDMI output, including the 3.5mm stereo audio and coax audio output .It supports HDTV and is controllable via IR, RS232 and the front panel.

It is a high performance and cost effective device for video conferencing rooms, educational facilities, control rooms, board room and etc.

Features

- HDTV compatible. Full-HD display up to 1080p
- HDCP1.3 (High definition Content Protection)compliant
- Compatible with HDMI, VGA, YPbPR, S-Video signal and C-Video signals, with stereo audio.
All scale up to the HDMI
- Built in USB-A connector to present the pictures/MP3 or firmware update
- OSD (on-screen display), with full function control
- OSD time duration settings
- Video parameter setting (color, hue, contrast, brightness, sharpness).
- Support video preset function (news, entertainment, music, cinema)
- High-Class volume setting (bass, treble, balance, sound mode) & audio mode presets
- Digital audio can be enable or disable (muted)
- Video signal compatible with NTSC 3.58, NTSC 4.42, PAL, and SECAM
- 3-channel audio follow switching inputs. The audio level is adjustable with preset functions
- RS232 serial control port. Public command, works with third-party devices
- IR remote control. Default IR remote to control for all the functions of the Scaler Switcher
- Optional TCP/IP control. It can be controlled through TCP/IP with PTNET
- Mountable aluminium enclosure
- External international power supply (100V - 240V AC, 50/60Hz)
- All models are equipped with an internal, auto-switching power supply that has all applicable safety certifications.
- LED indicator shows you the system & switching information of the product

Technical Specifications

Video Input		Video Output	
Input	2 HDMI , 1 computer Graphics, 1 Component video, 1 composite video, 1S-Video, 1 USB multi-media Input	Output	1 HDMI
Input Connector	HDMI female connector, VGA (15pin HD), female connector RCA female connector	Output Connector	HDMI Female connector
Video Signal	HDMI 1.3, RGBHV, RGBs, RGsB, RsGsBs, YPb-Pr, NTSC 3.58, NTSC 4.42, PAL, SEC AM MPEG/AVI/JPG for USB input	Video Signal	HDMI 1.3
Video General			
Resolution Range	1080P, 1920*1080; 720P, 1280*720; WXGA, 1280*800; XGA, 1024*768	Bandwidth	HDMI: 4.95Gbps (1.65Gbps per color), C-Video/S-Video: 150MHz YPbPr: 170 MHz, VGA: 375MHz
maximum Pixel Clock	145MHz	Video Impedance	75Ω
VGA Cross Talk / Gain	-50dB@5MHz / 0dB	Input / Output Level	0.5V ~ 2.0Vp-p
HDCP management	Compliant with High-bandwidth Digital Content Protection (HDCP) with DVI & HDMI 1.3 standards		
Audio Input		Audio Output	
Input	3 Stereo Audio for line audio, 2 digital embedded audio	Output	Stereo audio for line audio COAX and HDMI audio
Input Connector	RCA for Video 3.5mm for VGA audio, HDMI for embeded digital audio	Output Connector	3.5mm Jack for line audio RCA for digital
Audio Input impedance	>10kΩ	Audio Output Impedance	50Ω
Audio General			
Audio Connector	Mini Jacks; tip(L); ring(R); sleeve(GND) HD MI embeded audio CO-AX audio (SPDIF)	Stereo Channel Separation	>80dB @ 1KHz
Frequency Response	20Hz~20KHz	CMRR	>90dB@20Hz to 20K Hz
Control Parts			
Control / Remote	IR remote, Buttons & RS-232	Pin Configuratioans	2 = TX, 3 = RX, 5 = GND
Options	TCP/IP control by PTNET		
General			
Temperature	-20°~+70°C	Humidity	10%~90%
Power Supply	100VAC 240VAC, 50/60Hz	Power Consumption	7W
Dimension	160 (W) x 44(H) x 100(D) mm	Weight	0.8 Kg