● New Product. Please check PTN website for the latest improvement. Call us for the availability.

INTRODUCTION

SC61D is a Mini Full-HD Scaling Presentation Switcher. It scales 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 good performance high cost-effective device for video conferencing rooms, educational facilities, control rooms, board room, demonstration halls etc.

FEATURES

• HDTV compatible. Full-HD display up to 1080P. Compatible with 1080P, 720P, WUXGA, WXGA, SXGA, UXGA, XGA and SVGA.
• HDCP1.3 (High Definition Content Protection) compliant.
• Compatible with HDMI, computer graphics video, Component Video, S-Video and C-Video signals, with stereo audio. It scales up to the HDMI.
• Built in USB-A connector in the front panel, to play the video file or present the pictures.
• Powerful OSD (on-screen display), with full function control.
• OSD password & time duration settings.
• Video parameter setting (color, hue, contrast, brightness, sharpness). Supports video preset function (news, entertainment, music, cinema).
• High-Class volume setting (bass, treble, balance, sound mode) & audio mode presets.
• Video is compatible with NTSC 3.58, NTSC 4.42, PAL, and SECAM.
• 4-channel audio follow or audio break away switching inputs. The audio is adjustable, and has audio level preset functions.
• 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.
• Mountable aluminium enclosure.
• Internal international power supply (100Volt~240Volt AC, 50/60Hz).
• All models are equipped with an internal, auto-switching power supply that has all applicable safety certifications.
• An LED indicator shows you the system & switching information of the product.

PACKAGE ACCESSORY LIST

1: Power cord (Europe, USA, Australia or UK standard)
2: Power adaptor
3: IR remote (battery not included, uses CR2025 cell battery)
4: RS232 cable (9pin HD male to female)
5: User manual (English)

SPECIFICATIONS

Video Input		Video Output	
Input	2 HDMI 1 Computer Graphics 1 component video 1 composite video 1 S-video 1 USB multimedia input	Output	1 HDMI
Input Connector	HDMI female connector VGA (15 pin HD),female connector RCA female connector RCA female connector USB-A connector	Output Connector	HDMI female connector
Video Signal	HDMI 1.3 RGBHV, RGBs, RGsB, RsGsBs;Y Pb-Pr NTSC 3.58, NTSC 4.42,PAL, SECAM MPEG/AVI/JPG for USB input	Video Signal	HDMI 1.3
Video General			
Resolution Range	1080P ,1920*1080 ; 720P; 1280*720 WUXGA,1920*1200; WXGA,1280*800 ; SXGA,1280*1024; UXGA, 1600*1200; XGA , 1024*768 ; SVGA, 800*600	Bandwidth	HDMI: 4.95Gbps(1.65Gbps per color) Composite video :150MHz S-video :150MHz VGA :375MHz
Maximum Pixel Clock	165MHz	Vedio Impedance	75Ω
VGA Cross Talk	-50dB@5MHz	Inout/Output Level	0.5V~2.0Vp-p
Gain	0dB		
HDCP management	Compliant with High -bandwidth Digital Content Protection (HDCP) using DVI and HDMI 1.3 standards		
Audio Input		**Audio Output**	
Input	3 Stereo Audio for line audio 2 Digital Embeded Audio	Output	stereo audio for line audio
Input Connector	RCA for for Video 3.5mm for VGA audio HDMI for embeded digital audio	Output Connector	3.5mm Jack 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~20K Hz	CMRR	>90dB @20Hz to 20K Hz
Control Parts			
Control/Remote	IR remote, Buttons ,RS-232, capture screw connector	Pin Configurations	2 = TX, 3 = RX, 5 = GND
Options	TCP/IP control by PTNET		
General			
Temperature	-20 ~ +70℃	Humidity	10% ~ 90%
Power Supply	100VAC ~ 240VAC, 50/60Hz	Power Consumption	7W
Case Dimension	W160 x H44x D100mm (wall mountable)	Product Weight	0.5Kg

DIAGRAM

DVD

PC

Laptop

Projector

Speaker

RS232
PTN control panel

Video Signal	
Audio Signal	
Audio/Video Signal	
RS232 Control Signal	