

SCALER SWITCHER - ALF-SC61E

Compact Scaler Switcher 6x1



DESCRIPTION

The SC61E Scaler Switcher is a compact 6x1 mini unit with 6 video inputs (4 HDMI, 2 VGA), 2 auxiliary audio inputs (switched following VGA), 1 HDMI output and 3 audio outputs (1 dual-mono analogue audio, 1 3.5mm stereo audio, 1 optical audio).

SC61E switches VGA or HDMI/DVI input signal to HDMI output. Besides, the unit up-scales VGA to HDMI output and supports resolution adjustments (6 types on total). It bypasses HDMI and provides comprehensive resolution capacities up to 4K & 1080p 3D. The unit also supports RS232&IR control and EDID management.

FEATURES

- Control - Via Front panel buttons, RS232 commands and IR Remote
- Switch - Select 6 input source to HDMI output
- Scale - scale VGA to HDMI output, Output resolutions selectable to assure preferred output, and supports various output resolutions, such as 1902x1200, 1920x1080, 1360 x768, 1280x800, 1024x768, 1280x720.
- Support HDMI 1.4, 4Kx2K & 1080P 3D, compliance with HDCP1.4
- Transmit 4Kx2K signal up to 15m
- Support EDID management
- Two input switching modes: auto-switching or manual-switching
- Intuitive indicator for power connect states & source selection & output resolution selection
- Support audio & video output management via OUTPUT BLACK button
- Support online software upgrading
- Compact design for easy operation
- Support power-off memory
- Support hot plug

TECHNICAL SPECIFICATIONS

Compact Scaler Switcher 6x1

Video Input

Input	: 4 HDMI, 2 VGA
Input Connector	: 4 Female HDMI (Type-A) . 2 female VGA (15 Pin)
Input Video Signal	: HDMI / DVI, VGA
HDMI Input Resolution	: up to 4Kx2K
VGA Input Resolution	: output resolution selectable
Standard	: Compliant with VGA & DVI HDMI 1.4, HDCP 1.4

Video Output

Output	: 1 HDMI
Output Connector	: 1 Female HDMI
Output Video Signal	: HDMI

Audio Input

Input	: 2 stereo audio for VGA
Input Connector	: 1 3.5mm jack

Audio Output

Output	: 1 Dual-Mono analog audio, 1 stereo audio, 1 optical audio
Output Connector	: 1 3-pin pluggable terminal block (3.81mm), 1 3.5mm jack, 1 SPF fiber connector

Control Parts

Control ports	: RS232, IR remote
Panel control	: Front Panel Button
Pin configuration	: 2=TX, 3=RX, 5=GND

General

Power Supply	: DC 5V 3A
Power Consumption	: 3.8 (Max)
Dimension (W*H*D)	: W347 x H28 x D110mm
Weight	: 0.63Kg

TECHNICAL SPECIFICATIONS CONTINUED

Compact Scaler Switcher 6x1

General

Temperature	: 0°C ~ +50°C
Relative Humidity	: 10% ~ 90%
Transmit Distance	: 4K x 2K ≤15m

NOTE: Compact Scaler Switcher supports 4K and 1080p 3D HDMI signal, please adopt quality HDMI cables compliant with HDMI 1.4 for reliable transmission when connecting.

Supported Input Resolutions

HDMI : 800x600@60Hz, 800x600@72Hz, 800x600@75Hz, 1024x768@42Hz, 1024x768@60Hz, 1024x768@70Hz, 1024x768@75Hz, 1024x768@85Hz, 1152x864@75Hz, 1280x768@60Hz, 1280x768@75Hz, 1280x768@85Hz, 1280x960@60Hz, 1280x960@85Hz, 1280x1024@60Hz, 1280x1024@75Hz, 1280x1024@85Hz, 1365x1024@60Hz, 1365x1024@60Hz, 1600x1024@60Hz, 1600x1200@60Hz, 1600x1200@65Hz, 1600x1200@70Hz, 1600x1200@75Hz, 1600x1200@85Hz, 1680x1050@60Hz, 1792x1344@60Hz, 1856x1392@60Hz, 1856x1392@75Hz, 1920x1080@60Hz, 1920x1200@60Hz, 1920x1440@60Hz, 3840x2160@24Hz, 3840x2160@30Hz, 3840x2160@25Hz, 4096x2160@24Hz, 4096x2160@25Hz, 4086x2160@30Hz

VGA : 800x600@60Hz, 800x600@72Hz, 800x600@75Hz, 1024x768@60Hz, 1024x768@70Hz, 1024x768@75Hz, 1280x768@60Hz, 1280x768@75Hz, 1280x960@60Hz, 1280x1024@60Hz, 1280x1024@75Hz, 1365x1024@60Hz, 1365x1024@75Hz, 1600x1024@60Hz, 1600x1200@60Hz, 1600x1200@65Hz, 1600x1200@70Hz, 1600x1200@75Hz, 1680x1050@60Hz, 1792x1344@60Hz, 1920x1080@60Hz, 1920x1200@60Hz

SYSTEM DESIGN

Design Key

- VGA
- Audio
- HDMI
- Control

