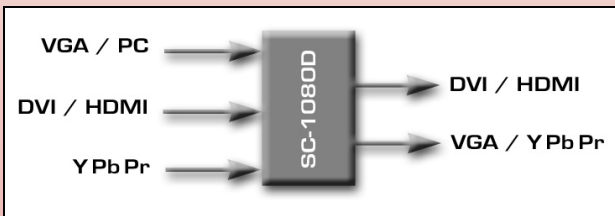


Model SC-1080D Multi-format HD Video Scaler

Bridge Between all popular High-Resolution Video Standards
Supports both Analog and Digital Video Formats

3 HD Inputs: HDCP Compliant DVI, PC VGA, Component Y Pb Pr

2 HD Scaled Outputs: DVI (with HDCP) with simultaneous PC VGA or YPbPr



Features & Capabilities

- ❖ High definition digital (DVI / HDMI) and analog (PC VGA / YPbPr) Scaler that accepts PC RGB (up to UXGA), HD Component (480i up to 1080p) and DVI (up to WUXGA) and scale them up to DVI and analog outputs (1080p/WUXGA).
- ❖ Output resolution selectable from 480i to 1080p (HDTV) and VGA to WUXGA (PC).
- ❖ The input resolution is automatically detected while the output resolution and refresh rate can be selected through OSD menu or front panel push buttons.
- ❖ RS-232 Control port, and IR remote to access all functions
- ❖ Native output mode ensures optimal display resolution on the screen based on the display's EDID.
- ❖ Output picture adjustment on brightness, contrast, color, RGB level, and H-V position.
- ❖ State of the art scaling engine for sharp and flicker free output
- ❖ Compact, Rugged, Reliable, and Economical
- ❖ Rack-mount brackets available
- ❖ Built-in Universal Power Supply with standard IEC-320 jack

Product Description

Hall Research's Model SC-1080D combines the functions of many products in one compact and versatile unit. It provides both high definition analog and digital inputs. Two simultaneous outputs are available, one analog (RGBHV/YPbPr), and one digital DVI-D (HDCP Compliant).

Inputs can be selected in several ways: (1) using buttons on the front panel, (2) using the included IR-remote, or (3) via ASCII RS-232 commands.

Output resolution can be set anywhere in the range of 480i to 1080p (HDTV) or VGA to WUXGA (PC).

From the serial port or front panel you can directly select any input or set the output resolutions. User-friendly OSD is used to control the operation of the device from the front panel. To quickly obtain a picture on your display, hot-keys on the front panel can directly set the output to basic PC or HDTV resolutions.

The DVI input is HDCP compliant which allows the unit to be used as an HDMI™ Video Scaler (HDMI™ audio is not passed through). When the digital input is HDCP encrypted, the DVI output must be connected to a HDCP compatible LCD or device. Note that if the SC-1080D detects content protected digital video input, for compliance with HDMI™ regulations, the analog output is disabled and unit blinks the DVI input LED on the front panel to indicate this condition).

The unit can be rack-mounted (1 RU) using optional rack-mount ears. For convenience all I/O connections are on the rear of the device and it features built-in universal power supply with standard IEC320 AC input jack.