

SATSON[®]

HDM-SW-0401

4x1 HDMI Switch with IR



Introduction

The HDM-SW-0401 provides easy switching among 4 HDMI sources to your high definition display including HDMI equipped or DVI enabled monitors. Full digital and high quality video/audio from any of these 4 sources can perfectly be transmitted to the connected high definition monitor via IR remote control or front panel button. With HDCP support, up to four HDMI/DVI sources such as PS3, DVD players, camcorders, or set-top boxes can seamlessly & simultaneously be connected to this HDM-SW-0401.

The HDM-SW-0401 has 4 input HDMI definition receptacle connectors and 1 output HDMI definition receptacle connector. Users simply connect all the HDMI/DVI sources to the inputs of HDM-SW-0401, and then connect HDMI/DVI equipped display system on the output port. Via IR remote control or front panel button, users can select which source they would like to be displayed. Auto-scan function provides quick surf on the connected sources sequentially and auto-detection function makes the device automatically switch to the first working source among 4 channels at power on. Extra superior equalization functions on input ports and pre-emphasis on output ports provide users the most adaptive way to improve the transmission distance.

Features

- Support HDMI Deep Color
- Fully HDCP compliant
- Handy front panel button to switch any four HDMI/DVI sources
- Supports 480p, 720p, 1080i, 1080p, and VESA resolutions
- Front panel LED indicators
- Equalization on input ports and pre-emphasis on output port
- Easy installation

Package Contents

- 1x HDM-SW-0401
- 1x IR controller
- 1x 5V 2A power adapter
- 1x User Manual

Specifications

Model Name	HDM-SW-0401
Technical	
Role of usage	4x1 switch
HDMI compliance	HDMI Deep Color
HDCP compliance	Yes
Video bandwidth	6.75 Gbps
Video support	480p 720p 1080i 1080p and VESA resolutions
Transmission	up to 15m/50ft at 1080p
Audio support	Surround sound (up to 7.1ch) or stereo digital audio
Input TMDS signal	1.2 volts (peak-to-peak)
Input DDC signal	5 volts (peak-to-peak)
ESD protection	[1] Human body model — ±19kV [air-gap discharge] & ±12kV [contact discharge] [2] Core chipset — ±8kV
PCB stack-up	4-layer board [impedance control — differential 100Ω; single 50Ω]
Input	4x HDMI / 1x RS-232 / 1x R Receiver
Output	1x HDMI
HDMI connector	Type A [19-pin female]
RS-232 connector	DE-9 [9-pin D-sub female]
Mechanical	
Housing	Metal enclosure
Fixedness	Wall-mounting case
Power supply	5V 4A DC
Power consumption	5 Watts [max]
Operation temperature	0~40°C [32~104°F]
Storage temperature	-20~60°C [-4~140°F]
Relative humidity	20~90% RH [no condensation]