



Digital Routing Switcher

Model 1T-HDMI-821, 1T-HDMI-841, 1T-HDMI-881

1T-HDMI-821, 1T-HDMI-841 and 1T-HDMI-881 Digital Video Routing Switches provide a fully tested and compliant way to switch between signals that use High Definition Multimedia Interface copy protection. The 1T-HDMI-821 switches between two inputs; the 1T-HDMI-841 switches up to four inputs and the 1T-HDMI-881 switches 8 inputs. All products maintain the signal components present within the encoded signal and allow the user to easily select program material without plugging and unplugging cables.

The switchers can be controlled via the front panel or the included Infrared Remote Control. An Optional IR extended range accessory is also available and RS-232 control is provided as a standard feature.

HDTV resolutions of 480p, 720p, 1080i and 1080p are supported as well as 480i non-HDTV resolution.

All products will operate as desk top units. Alternatively, the 1T-HDMI-821 and 1T-HDMI-841 can be mounted in a remote location using supplied special mounting hardware and the 1T-HDMI-881 may be mounted in a standard 19" rack using supplied rack mounting hardware.

All three products have been certified as being HDMI compliant by Silicon Image's ATC test facility and are also HDCP compliant. All products are RoHS compliant and meet the appropriate FCC, CE, CSA and UL rules, regulations, guidelines and protocols.



Key Features of the 1T-HDMI-800 Series Switchers

- Switches 2,4 or 8 HDMI Sources
- Supports HDTV from 480p to 1080p
- Supports 480i SDTV
- HDMI Certified by Silicon Image's ATC Laboratory
- HDCP Compliant
- RoHS Compliant
- Supports DDWG Standard for HDMI Monitors
- Controllable via Front Panel & provided IR Remote
- Optional IR Range Extender available
- RS-232 Control Port provided
- Plug and Play – No Software Needed
- Desk Top or Remote Mountable (2 & 4 input units)
- Desk Top or Rack Mountable (8 input unit)

Specifications

Video Inputs/Outputs

HDMI Type A Inputs 2, 4 or 8 HDMI TMDS
1 HDMI Type A Output 1x HDMI TMDS (All Models)

Video Specifications

HDTV Resolutions 480p, 720p, 1080i, 1080p
Standard TV Resolution 480i

Maximum Cable Lengths

Source to DA Input 15m w/high grade cable¹
DA Output to Display 15m w/high grade cable¹

Mechanical

Size (H-W-D)
1T-HDMI-821 1.1"x8.7"x2.8" (28x220x71mm)
1T-HDMI-841 1.1"x8.7"x2.8" (28x220x71mm)
1T-HDMI-881 1.75"x17"x8" (44x431x103mm)

Weight (Net)

1T-HDMI-821 1.0 lbs (480g)
1T-HDMI-841 1.0 lbs (480g)
1T-HDMI-881 4.8 lbs (2180g)
Case Construction Metal, Rack Mountable

Environmental

Operating Temperature +32° to +104° F (0° to +40° C)
Operating Humidity 10% to 85%, Non-Condensing
Storage Temperature +20° to +140° F (-20° to +60° C)
Storage Humidity 10% to 85%, Non-Condensing
Note 1: Max distances only possible with TV One Z-Plus cables or equivalent.

Remote Control

Serial Interface RS-232
Infrared IR Remote Included

Warranty

Limited Warranty 2 Years Parts and Labor

Power Requirement

External Power Supply 5VDC@2A – Locking DC

Regulatory Approvals

Converter Unit FCC, CE, RoHS, HDMI ATC
Power Supply UL, CE, CEC, CSA, RoHS

Accessories Included

AC Adaptor US, UK or Euro Type
Operations Manual
Remote Mounting Kit 1T-HDMI-821 & 1T-HDMI-841
Rack Mounting Kit 1T-HDMI-881

Product Item Number

1T-HDMI-821 2x1 Digital Video Routing Switch
1T-HDMI-841 4x1 Digital Video Routing Switch
1T-HDMI-881 8x1 Digital Video Routing Switch

Optional Accessory

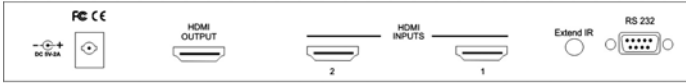
1T-IRR-100 Remote IR Sensor Module



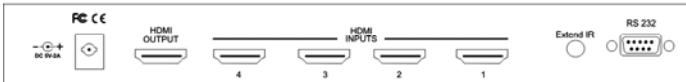
Panel Drawings



1T-HDMI-821



1T-HDMI-841



1T-HDMI-881