

RS-232 and remote control
 4K2K at up to 60Hz
 HDMI v2.0,
 3 inputs / 1 output



Vision's professional-grade HDMI switcher connects to up to three sources and switches between them with ease. Ideal for corporate installations where fast switching and reliable HDCP management is important. Ideal for meeting spaces.

Fast Switching

Automatic EDID (extended display identification data) management and fast switching.

3D Support

Supporting resolutions of up to 4K2K@60Hz, this switcher easily supports 3D.

High Bandwidth

The TC-HDMI31 has a bandwidth of up to 18Gbps – three times faster than our previous model!

Plug and Play

This product uses the latest switching chipset to ensure it has excellent compatibility with a wide range of source devices.

Remote Control

An IR remote control is included which has direct select buttons, or toggle up and down buttons, along with discreet on and off buttons.

RS-232 Control

The HDMI switcher can be controlled by a control system via RS-232.

Stable Performance

A metal heat sink keeps the circuit cool to ensure stable performance.

SPECIFICATIONS

PRODUCT DIMENSIONS

160 x 50 x 20 mm / 6.3" x 2.0" x 0.8" (length x width x height)

PACKAGED DIMENSIONS

200 x 150 x 80 mm / 7.9" x 5.9" x 3.2"

PRODUCT WEIGHT

0.23 kg / 0.5 lb

PACKAGED WEIGHT

0.74 kg / 1.63 lb

CONSTRUCTION MATERIAL

Metal

COLOUR

White

BANDWIDTH

18Gbps (6Gbps/TMDS Channel)

MAXIMUM PIXEL CLOCK

600 MHz

INPUT VIDEO SIGNAL

3.0-3.3 volts p-p

INPUT DDC SIGNAL

5 volts p-p (TTL)

VIDEO IMPEDANCE

100 Ohms

AUDIO FORMATS SUPPORTED

Standard, DSD (Direct Stream Digital), HD (HBR)

MAXIMUM VIDEO FORMAT SUPPORTED

4K@60Hz, 12 bit, Deep Colour, Lip Sync

HDMI VERSION

2.0

HDCP VERSION

2.2

ESD PROTECTION

± 4kV (contact discharge through user)

OPERATING TEMPERATURE RANGE

0-60°C (32-140 °F)

OPERATING HUMIDITY RANGE

10-90 % RH (no condensation)

POWER CONSUMPTION

10 watts (Max.)

INPUTS

3 x HDMI(type A), 1 x RS-232 (male 9-pin D-sub)

OUTPUTS

1 x HDMI (type A)

POWER SUPPLY

100-240v 50/60Hz AC 5 volt / 1 amp

FJ (FUJIA)**TRANSFORMER INTEGRATED INTO PLUG****INCLUDES INTERCHANGEABLE PLUGS**

UK/EU/US/AU

DC TAIL LENGTH

1.8m 1.5m

TRANSFORMER DIMENSIONS

66 x 43 x 32 mm / 2.6" x 1.7" x 1.3" 73 x 40 x 50 mm / 2.9" x 1.6" x 2.0"

ADDITIONAL INDIAN POWER SUPPLY

100-240v 50/60Hz AC 5 volt / 2 amp

BX (BORASEN)**ACCESSORIES INCLUDED**

1 x IR Remote Control (Battery included CR2025) 86 x 40 x 5 mm / 3.4" x 1.6" x 0.2" 1 x Fixing Adhesive strip 1 x 9-Pin D-Sub Serial Cable 0.75 m (2.5 ft) female to female

WARRANTY

Lifetime return-to-base

PSU COMPLIANCE

RoHS, WEEE, CB Certification, BIS CRS, BS, BSMI, CCC, CE, UL, EAC Russia, FCC, KC, KCC, Kvalitet Serbia, PSE, RCM, SAA, C-Tick, SDoC, S-Mark, UkrTEST, ERP+DOE, GS+LVD

SWITCHER COMPLIANCE

RoHS, WEEE, CE, BSMI, CB Certification, C-TICK, EAC, FCC, KCC, IC, RCM

SPARE POWER SUPPLY UNIT (PSU)

TC2 P5V2A [EU SAP: 2940996/ US SAP: 13445529]