VANCO®

toner
cable equipment, inc.
www.tonercable.com

280688

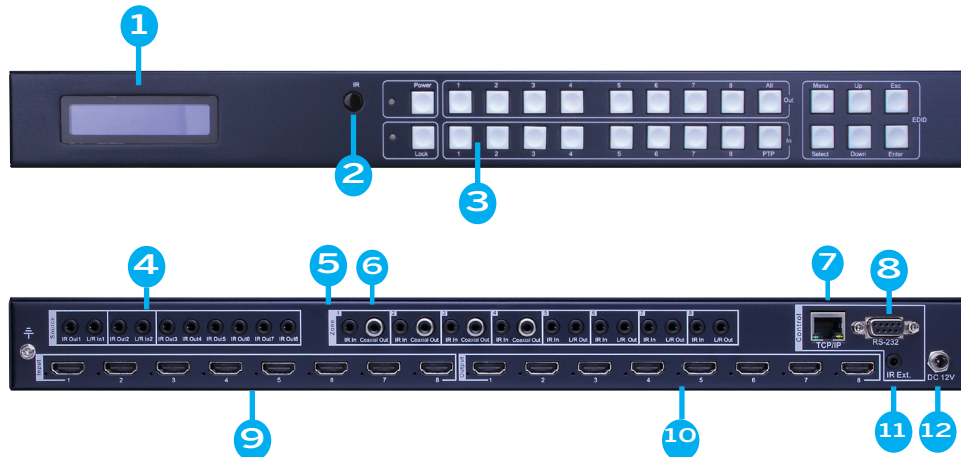## HDMI 8x8 4K Matrix Selector Switch with HDR

- Allows up to 8 HDMI sources to be distributed simultaneously to up to 8 displays
- Supports resolutions up to 4K@60Hz with HDR, 48-bit deep color
- Advanced EDID management for rapid integration of sources and displays
- Dolby TrueHD and DTS-HD master audio pass through HDMI output
- Full 3D pass through
  Choose from 4 switching modes – Front Panel buttons,
- IR remote control, RS-232 control, and TCP/IP control HDCP Compliant
- Wideband bi-directional IR pass-through (30 to 60 kHz) (8 IR Transmitters and 9 IR Receivers included)
- Dimensions: 17.25" W x 1.63" H x 7.19" D
  (438mm) x (41mm) x (182mm)

SPECIFICATIONS

HDCP Compliance .... Yes

Video Bandwidth .... Single-link 225Mhz (2.97 Gbps)

Video Support .... 480i/480p/720p/1080i/1080p @60/2160p @30
36-bit color

Audio Support .... Surround Sound (up to 7.1 ch) or stereo digital audio

ESD Protection .... (1) Human body model — ±15kV (air-gap discharge)
& ±8kV (contact discharge)

Input .... 8x HDMI / 1x RS-232 / 1x Ethernet

Output.. 8x HDMI

HDMI connector .... Type A 19 pin female

RJ-45 connector.. WE/SS 8P8C

RS-232 connector .... DB-9 (9-pin D-sub female)

3.5mm connector .... (System IR) Receives IR commands from remote
control; Analog audio output (outputs 5-8)

RCA connector .... Digital audio output (outputs 1-4)

MECHANICAL SPECS

Housing .... Metal enclosure

Power Supply .... 12V 5A DC

Power consumption... 20 watts (max)

Operation temperature... 32~104 °F

Storage temperature.. -4 ~140 °F

Relative humidity .... 20~90 % RH (no condensation)

HDMI 8x8 4K Matrix Selector Switch with HDR

280688

PANEL DESCRIPTIONS

1. Source LED indicator – shows which sources are displayed on each output

2. IR receiver eye – use the remote to send IR signals to for switching with the included remote

3. HDMI input/output selection button 1 to 8 – Press the HDMI input to send to any HDMI output

4. IR OUT 1-8: Connect included IR TX pigtails, place or stick each TX pigtail on the corresponding source (ensure the pigtail is placed near or on top of the source's IR eye, see IR section for instructions)

5. IR IN 1-8: Connect included IR RX pigtails, to be used at each display for matrix switching control and source control

6. Coaxial digital output – extracts digital audio for each display, can be used to connect audio distribution components such as an amplifier (available on outputs 1-4)

7. RJ45 port – for TCP/IP control

8. RS232 port – connect serial cable to PC for software control and management

9. HDMI inputs 1 through 8 – connect HDMI sources

10. HDMI outputs 1 through 8 – connect HDMI displays

11. IR receiver eye – Matrix unit can be hidden with an IR receiver pigtail leading out to continue to control switching with the included IR remote

12. 12V DC port – connect included power supply