

1T-MV-8474

4K Multiviewer



1T-MV-8474

4K Multiviewer with 4 window layouts in 16 presets

Features

- ◆ Supports 4K 3840x2160@60Hz input
- ◆ Supports 4K 3840x2160@30Hz output
- ◆ 4-window layouts
- ◆ 16-preset window layouts
- ◆ Assignable front panel and remote buttons
- ◆ 7-video inputs - 4x HDMI 2x DP 1x VGA/YPbPr
- ◆ HDCP Compliant
- ◆ 4K scaling engine, supports up-scaling & down-scaling
- ◆ 8-bit / 10-bit / 12-bit Color depth
- ◆ Auto-scaling, auto-detect EDID
- ◆ Audio embedding and breakaway
- ◆ Supports 7.1 analog and digital audio
- ◆ Volume control
- ◆ Audio delay from 0-400ms
- ◆ IR remote, RS232, Ethernet and WebGUI control
- ◆ Intuitive Web interface
- ◆ Full system control via API
- ◆ Full switching control from front panel
- ◆ 1RU rack mountable

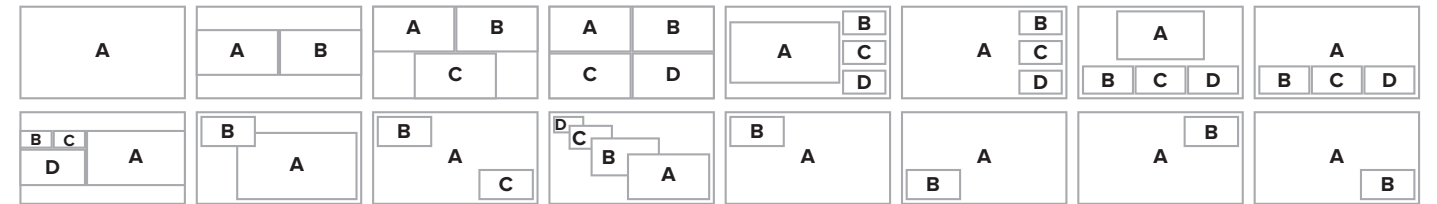
Overview

1T-MV-8474 4K Multiviewer is the latest product in tvONE's range of 4K enabled products. The Multiviewer can display up to four video windows simultaneously via sixteen different fixed layouts, which can be recalled to present your content in a variety of combinations. This could vary from a straight forward Quad split, Picture-In-Picture, Triple, Side-By-Side, Full screen or something more complex with multiple layers.

The 1T-MV-8474 has seven inputs – 4x HDMI, 2x DisplayPort, 1x VGA/YPbPr Supporting resolutions up to 3840x2160@30 on HDMI and 3840x2160@60 via DisplayPort. It is complimented by seven independent stereo analog inputs which can be assigned and embedded into any of the video streams. It offers a single scaled HDMI output capable of supporting resolutions up to 3840x2160@30. A digital Toslink and eight independent de-embedded analog channels allow you to switch audio separately from the HDMI stream allowing you to integrate 7.1 audio with external equipment.

Full EDID management and audio control including delay and volume adjustments are supported through the Web interface, making it easy to integrate the 1T-MV-8474 into complex systems. Control is via a Web interface, RS232, Ethernet, Infrared remote or from the front panel buttons. Four of the buttons on front panel and the IR remote are assignable which means you can allocate specific preset configurations and easily recall them during presentations.

The 1T-MV-8474 is an extremely flexible Multiviewer and a very capable Presentation Switcher making it a good fit for many different user applications.



16 four window layout presets enables quick and easy setup.



Embed / de-embed any of the 7 audio inputs



Its deceptively simple appearance disguises its extremely powerful abilities as a 4K Multiviewer / Presentation Switcher.

The 1T-MV-8474 is an easy to use, flexible 4K Multiviewer.

Specifications

Unit Functionality

Video Input Formats HDMI, DVI, DisplayPort, RGBHV YPrPb
 Audio Input Formats HDMI and DisplayPort: embedded digital external analog stereo audio: 20 kΩ impedance

Video Output Formats HDMI
 Audio Output Formats HDMI: embedded digital audio
 7.1 Surround analog audio: 20 kΩ impedance
 TOSLINK: Digital Optical Audio
 Format Compliance HDMI v1.4 / DVI v1.0 / DisplayPort v1.2
 HDCP v1.4

Color Depth 8-bit / 10-bit / 12-bit
 EDID Memory Advanced EDID utilities
 Audio Bandwidth 20 Hz to 20 kHz
 Audio Sampling Rate 48 kHz / 8CH / LPCM
 Audio Levels Stereo Audio: unity / nominal
 Stereo Audio: 0.5 - 1.0 Vpp
 Audio Delay User-adjustable from 0 - 400ms in increments of 40ms

Inputs

Video 6x digital and 1x analog RGB
 Audio 6x digital and 7x stereo analog

Output

Video 1x HDMI/DVI
 Audio 1x digital optical, embedded HDMI
 4x stereo (Analog 7.1)

Input Connectors

HDMI/DVI 4x HDMI 19-pin female connectors
 DisplayPort 2x 20-pin female locking connectors
 Analog RGB 1x HD15 (VGA) female connector
 Analog Audio 7x stereo 1/8" (3.5mm) female connectors
 Power 1x IEC C14 power connector

Output Connectors

HDMI/DVI 1x HDMI 19-pin female connector
 Digital audio 1x TOSLINK Optical female connector
 Analog audio 4x 1/8" (3.5mm) female connectors

Control

Configuration Web Interface, RS232, Ethernet, IR remote front panel buttons
 Application Web Interface
 Buttons 5/16" (7.5mm) square colored LED backlit

Mechanical

Size (H x W x D)
 Without feet or ears 17" x 17.3" x 11.0" (44 x 439 x 279mm)
 With feet (H) 2.0" (51mm)
 With ears (W) 19.0" (483mm)
 Weight 7.3lbs (3.3kg)

Power

AC Power 100~240VAC / 50-60Hz
 Power Consumption 15 Watts (max.)

Construction/Material

Front panel 3/8" (10mm) aluminium alloy with black finish
 Chassis 1/32" (1mm) pressed steel with matte black finish

Environmental

Operating Temperature +32° to +104° F (0° to +40° C)
 Storage Temperature -4°F to 140°F (-20°C to 60°C)
 Operating Humidity 20% to 90% Non-Condensing

Product Item Number

1T-MV-8474 4K Multiviewer

Accessories

Included 19 Button remote control, AC power cord, User Guide and 2x rack ears

Warranty

Limited Warranty 3 Years Parts and Labor

Regulatory Compliance

Main Unit FCC, CE, RoHS

