

1T-MV-8474

4K Multiviewer



Key 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 Colour depth
- Auto-scaling, auto-detect EDID
- Audio embedding and breakaway
- Supports 7.1 analogue 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 analogue 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 analogue 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.

Input Resolutions

Resolution	P/I	HDMI	DisplayPort	VGA
640x350	P	85		
640x400	P	85		85
640x480	I	30		
640x480	P	60/75/85		75/85
720x400	P	85		
720x480	I			60
720x576	I	25		50
720x576	P	50/100		
800x600	P	60/75/85	60	60
848x480	P			60
1024x768	P	60/75/85		60/70/75
1152x864	P			75
1280x720	P	50/60	60	50/60
1280x768	P	60/75/85		60/75/80
1280x960	P	60/85		
1280x1024	P	60/75/85		60/75
1366x768	P			60
1600x900	P		60	
1600x1024	P	60		
1600x1200	P	60		60/65/70/75
1680x1050	P			60
1792x1344	P			60
1856x1392	P			60
1920x1080	I	25/30		50/60
1920x1080	P	24/25/30/50/60	60	24/25/30/60
1920x1200	P	60		60
1920x1440	P			60
2048x1152	P		60	
3840x2160	P	24/30	30/60	

Output Resolutions

HDMI Output			
Auto	3840x2160@30 (4K)	1920x1080@60 (1080p)	1280x720@60 (720p)
1920x1200@60 (WUXGA)	1600x1200@60 (UXGA)	1280x800@60 (WXGA)	1024x768@60 (XGA)