PRODUCTS › SWITCHERS

TC-PMV-0401

4×1 4K60 HDMI Multiview Switcher

Four sources on one 4K60 display, in eight layouts



Eight
layouts: single, PiP, side-by-side, triple, quad

4K60
in and out · HDMI 2.0b · HDCP 2.2

Seamless
switching in single-screen mode; fast in multiview

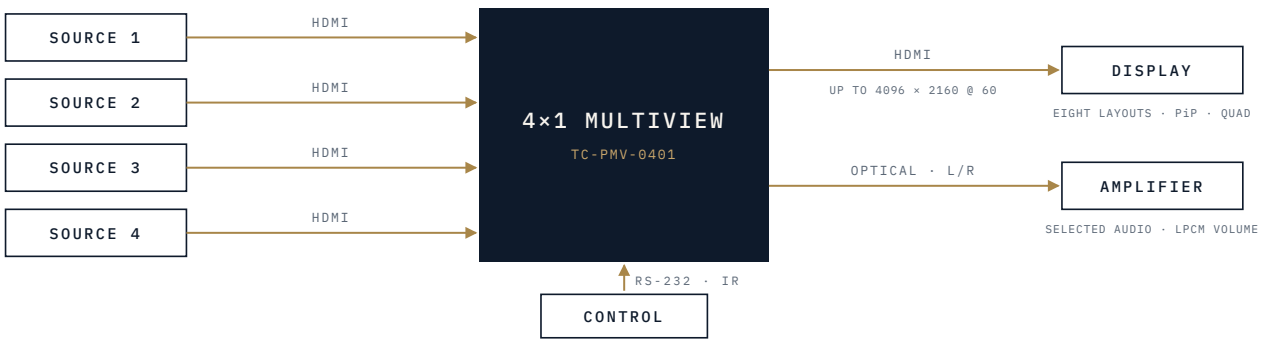
19
EDID modes, including a user EDID

TC-PMV-0401 puts up to four HDMI sources on one display at up to 4K @ 60 Hz, in eight layouts: single, picture-in-picture, two side-by-side, two triple and two quad. The picture-in-picture window comes in three sizes and four corners, or is placed and sized freely from the PC software. A built-in scaler matches the output to the display, from 1024 × 768 up to 4096 × 2160 @ 60 Hz, and switching is seamless in single-screen mode and fast in multiview. Inputs and output are HDMI 2.0b at 18 Gbps with HDCP 2.2, in 8-bit colour.

Audio follows the source chosen for it and is de-embedded to analogue L/R (RCA) and optical outputs, with volume control for LPCM; the HDMI output carries PCM up to 7.1, Dolby Digital and Digital Plus, DTS and DTS High Res (HBR formats are not supported). Nineteen EDID modes, one a user EDID, set the format the sources send. Control is from the front panel, IR remote, on-screen menu, PC software or RS-232; there is no network control.

01 KEY CAPABILITIES

- Up to four 4K60 sources on one display, in eight layouts
- Seamless switching in single-screen mode; fast switching in multiview
- Audio de-embedded to analogue and optical, with independent audio selection and volume control for LPCM
- Picture-in-picture in three sizes and four corners, or placed and sized freely from the PC software
- Built-in scaler: output matched to the display, up to 4096 × 2160 @ 60 Hz
- Control from the front panel, IR remote, on-screen menu, PC software or RS-232



SIGNAL PATH · FOUR SOURCES ON ONE DISPLAY; THE CHOSEN AUDIO DE-EMBEDDED TO AN AMPLIFIER

02 VIDEO

Signal standard	HDMI 2.0b
HDCP	HDCP 2.2 / 1.x
Maximum resolution	Up to 4K @ 60 Hz in and out; output up to 4096 × 2160 @ 60 Hz
Scaling	Scaler: 14 output resolutions from 1024 × 768 to 4096 × 2160 @ 60 Hz, or AUTO
Bandwidth	18 Gbps
Colour space	RGB · YCbCr 4:4:4 / 4:2:2 / 4:2:0
Colour depth	8-bit
Multiview	Eight layouts: single, picture-in-picture, two side-by-side, two triple, two quad · PiP in three sizes and four corners, or user-set size and position · full-screen or 16:9 aspect in the side-by-side, triple and second quad layouts

03 AUDIO

HDMI audio formats	PCM 2.0/5.1/7.1, Dolby Digital / Digital Plus, DTS, DTS High Res — HBR audio not supported
Audio de-embedding	Analogue L/R and optical S/PDIF out, with independent audio selection; volume control for LPCM
Other audio formats	Analogue: PCM 2.0 · Optical: Dolby Digital, DTS 5.1, PCM 2.0

04 CONNECTIVITY

Inputs	4 × HDMI (Type A)
Outputs	1 × HDMI · analogue L/R (RCA) · optical (S/PDIF)
Control ports	RS-232 (3-pin 3.81 mm terminal) · IR extension (3.5 mm)

05 CONTROL

Control methods	Front panel, IR remote, on-screen menu, PC control software, RS-232 commands — no network control
EDID management	19 modes: 17 fixed (4K60 to 720p; 2.0, 5.1 or 7.1 ch), AUTO and one user EDID
IR	IR remote; 38 kHz IR extension receiver (cable supplied)
Switching	Seamless in single-screen mode; fast in multiview; automatic switching in single-screen mode
Firmware update	Firmware update over RS-232 (PC software)

06 ELECTRICAL & PHYSICAL

Power supply	12 V DC, 2.5 A (locking adapter, 100–240 V AC)
Power consumption	10 W max
Dimensions (W × D × H)	220 × 100 × 30 mm
Weight	620 g
Housing	Metal enclosure, black
Mounting	Two mounting ears (supplied) or rubber feet
Operating temperature	0 to 40 °C
Storage temperature	–20 to 60 °C
Humidity	20–80 % operating, 10–90 % storage, non-condensing
ESD protection	±8 kV air · ±4 kV contact (IEC 61000-4-2)

07 COMPLIANCE & ASSURANCE

Certification statement	Designed for global compliance — CE, FCC, RoHS, and regional certifications, as applicable.
Warranty	3 years

08 IN THE BOX

In the box	Switcher · IR remote · 3-pin terminal plug · IR receiver cable (1.5 m) · 2 mounting ears with screws · 4 rubber feet · 12 V / 2.5 A locking adapter

09 ORDERING

Order code	**TC-PMV-0401**

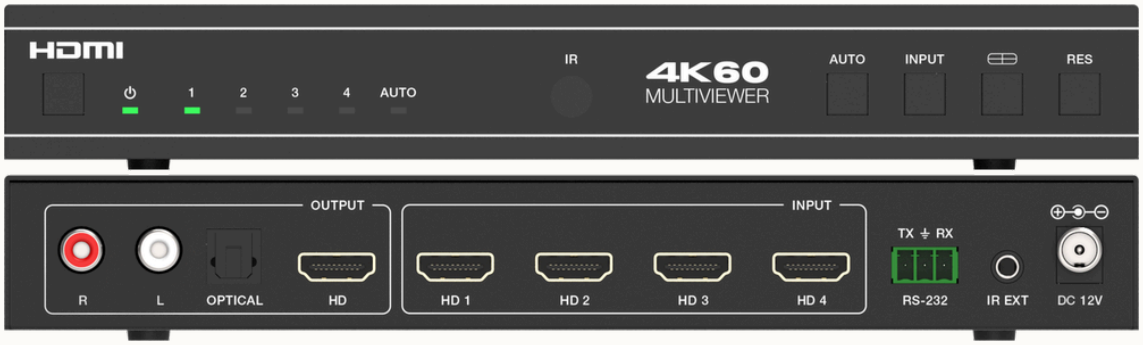
PRODUCT PAGE

telecis.com/products/switchers/tc-pmv-0401/

VIEWS



REAR



FRONT AND REAR PANELS

DRAWING



MULTIVIEW SWITCHER

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