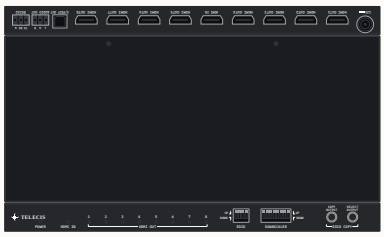
PRODUCTS › SPLITTERS

TC-SPL-108

1×8 4K60 HDMI Splitter

Eight displays from one source, with the audio broken out at the box



SPLITTER

4K60 4:4:4

8-bit · HDMI 2.0 · 18 Gbps · HDCP 2.2

8 × HDMI

outputs, each with its own 1080p downscaler

HDR

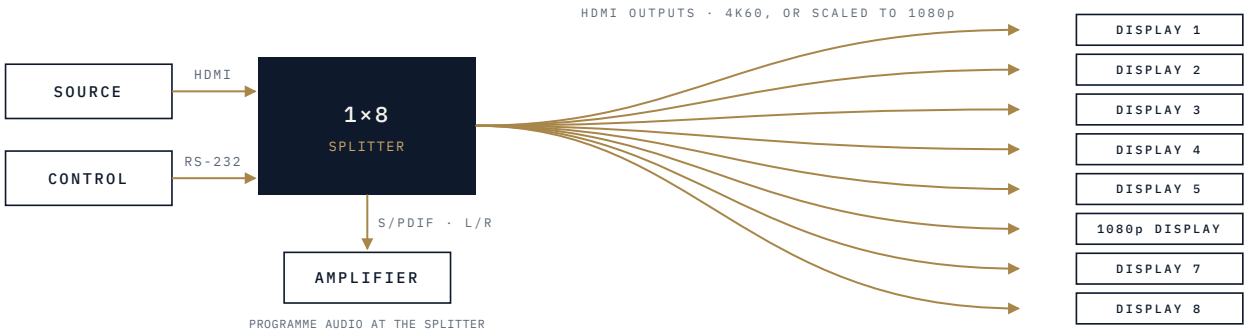
HLG · HDR10 · HDR10+ · Dolby Vision

S/PDIF

and analogue stereo, taken out at the splitter

TC-SPL-108 distributes one HDMI 2.0 source to eight displays at up to 4K @ 60 Hz — 4:4:4 at 8-bit, or 4:2:2 at 12-bit, 18 Gbps — with HDCP 2.2 and HLG, HDR10, HDR10+ and Dolby Vision passed through. Every output has its own 4K-to-1080p downscaler, switched on or off per output on a DIP switch, so 4K and 1080p displays can share one source.

Programme audio also leaves at the splitter: S/PDIF (TOSLINK) with PCM 2.0, Dolby Digital or DTS 5.1, and analogue stereo on a 3-pin Phoenix connector, so an amplifier needs no display in the chain. EDID is set on a second DIP switch, or copied from any output with the front-panel EDID COPY buttons or over the API, and the unit takes commands over RS-232. It runs on a 12 V, 1 A adapter, and the brackets supplied fix it to a surface or a rack shelf.



SIGNAL PATH · EIGHT DISPLAYS, AND PROGRAMME AUDIO TAKEN OUT AT THE SPLITTER

01 VIDEO

Signal standard	HDMI 2.0
HDCP	HDCP 2.2
Maximum resolution	4K @ 60 Hz 4:4:4 8-bit, or 4:2:2 12-bit (to 4096 × 2160)
Scaling	Each output has its own 4K → 1080p downscaler, switched on or off by an 8-pin DIP switch
Bandwidth	18 Gbps
HDR	HLG, HDR10, HDR10+, Dolby Vision
CEC	CEC display on / off

02 AUDIO

HDMI audio formats	All HDMI 2.0 formats incl. PCM, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, DTS:X
Audio de-embedding	S/PDIF (TOSLINK): PCM 2.0, Dolby Digital, DTS 5.1 · analogue stereo (3-pin 3.5 mm Phoenix)

03 TRANSPORT & DISTANCE

Passive cable reach	Passive HDMI in/out: 15 m at 1080p60 · 10 m at 4K30 · 5 m at 4K60

04 CONNECTIVITY

Inputs	1 × HDMI
Outputs	8 × HDMI · S/PDIF (TOSLINK) · analogue stereo (3-pin 3.5 mm Phoenix)
Control ports	RS-232 (3-pin 3.5 mm Phoenix)

05 CONTROL

Control methods	API commands over RS-232 · DIP switches · front-panel buttons
EDID management	4-pin DIP switch: copy mode (any output, by the EDID COPY buttons or API), fixed modes, customised mode · falls back to 4K60 4:4:4 2-ch HDR if a copy fails

06 ELECTRICAL & PHYSICAL

Power supply	12 V DC, 1 A adapter
Power consumption	6.73 W max
Dimensions (W × D × H)	270 × 120 × 21 mm
Weight	830 g
Mounting	Brackets supplied — rack or surface mounting
Operating temperature	0 to 45 °C
Storage temperature	−20 to 70 °C
Humidity	10–90 %, non-condensing
ESD protection	±8 kV air · ±4 kV contact (human-body model)

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	Splitter · 12 V power adapter · 2 × 3-pin 3.5 mm Phoenix plugs · 2 mounting brackets with screws

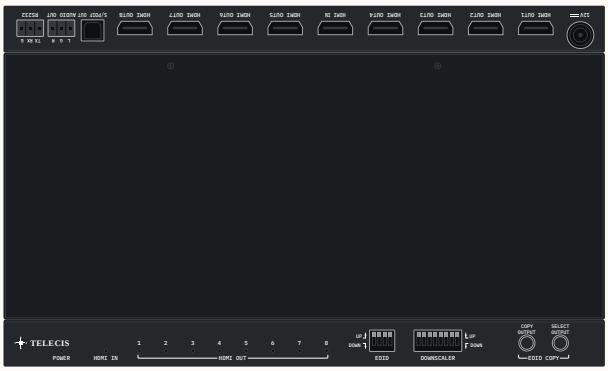
09 ORDERING

Order code	**TC-SPL-108**

PRODUCT PAGE

telecis.com/products/splitters/tc-spl-108/

DRAWING



SPLITTER

Specifications are subject to change without notice. HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. Other product names, brand names, and trademarks referenced are the property of their respective owners. Reference to such marks does not imply endorsement or affiliation.

signal · engineered.