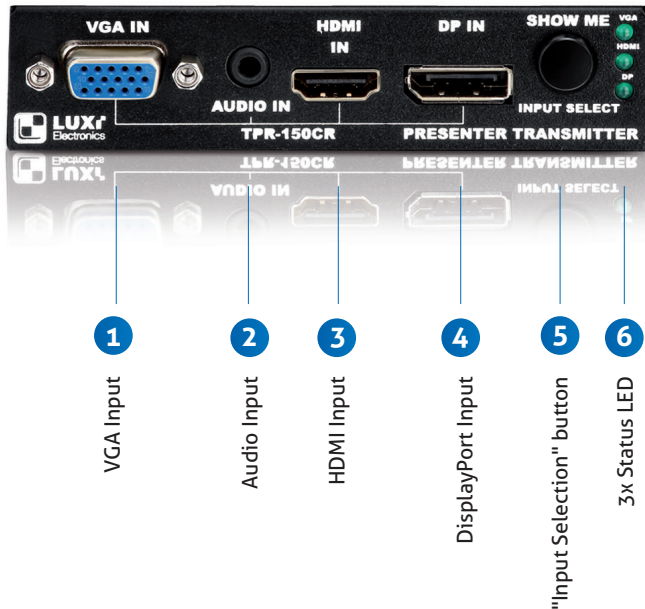
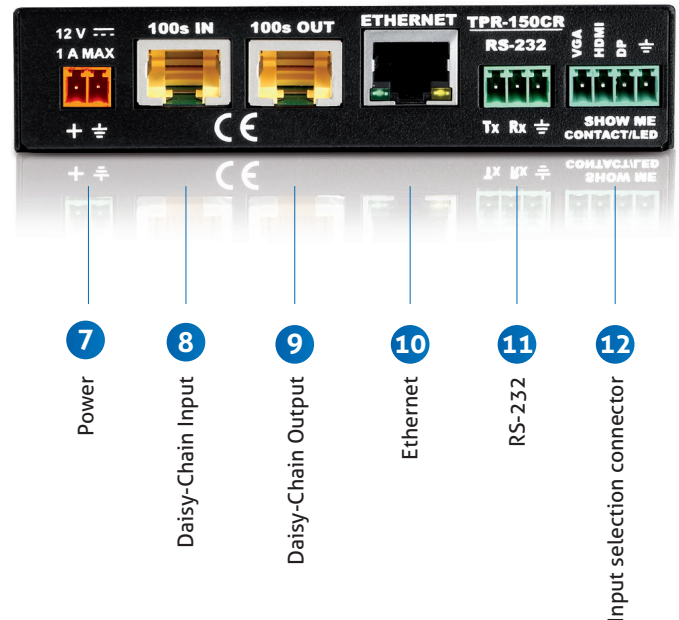


Transmitter - front view



- 1 VGA Input
- 2 Audio Input
- 3 HDMI Input
- 4 DisplayPort Input
- 5 "Input Selection" button
- 6 3x Status LED

Transmitter - rear view



- 7 Power
- 8 Daisy-Chain Input
- 9 Daisy-Chain Output
- 10 Ethernet
- 11 RS-232
- 12 Input selection connector

## Features

- Universal, multiformat interface, compatible with source signal formats HDMI, DisplayPort, VGA and Stereo Audio
- Built in scaler for optimum signal compatibility and audio embedding / de-embedding functions
- Completely scalable: You can form any sized line topologies by daisy chaining with Presenter™ TPR-110 / RPR-110
- Only one Cat.6 cable\*\* needed to connect adjacent Presenter™ transmitters and receivers - No more heavy clusters of cables
- Uncompressed 18 GBps bandwidth inside the Daisy-Chain for max. 6 feeds; 6,7 GBps max. per feed; virtually no propagation delays
- "Show Me" control button on every transmitter box gives every user a simplified way to control the signal routing
- Additional control devices can be inserted anywhere in the daisy chain via RS-232
- Signals can be transmitted to very long distances with multiple daisy-chained devices - Up to 33 m each span (e.g., 10 spans for up to 330 m)
- Remote power capability (PoE / PoC) - Only one power supply every 2 units (LU-TPR-110CR: Every 4 units)
- Rack mountable, under-table mountable, above-projector mountable metal enclosures

\*\* Recommended Cat.6, UTP, 550MHz, 23/24 AWG, solid conductors, min length 2m - Other CAT cables will produce variable results and are inadvisable.

### Specifications

Electrical	
Video signal path	There are 3 video inputs and 1 video output. The analog RGB video from the VGA input goes to the scaler's analog input. The DisplayPort (DP) input signal is first converted to HDMI and then goes to the digital input of the scaler. The scaler converts all video to LVDS, feeds it to a HDMI encoder and then into the daisy chain processor.
VGA Input	0.7 Vp-p analog RGBHV, 75 ohm impedance
HDMI Input	High-Speed HDMI w. Ethernet, FullHD 1080p, max. 6.7 GBps
DisplayPort Input	DisplayPort 1.3 Dual Mode, FullHD 1080p, max. 6.7 GBps
Video processing	36-bit decoding, sampling, 225 MHz clock
Video input resolution range	Digital RGB or YCrCb, all formats in the HDMI High-Speed with Ethernet specs including 720p, FullHD 1080p, 3D, Deep Color and computer video formats up to WUXGA 1600x1200@60Hz  Max. distance between 2 adjacent devices: 33m for 720p 18m for 1080p (depends on source, display device performance, and signal format)
Scaled video output resolutions presets	1080p, 720p, "pixel to pixel": 1024x768, 1280x800, 1366x768, 720p, 1080p, etc
HDCP compliance	HDCP 1.2
Audio signal path	There are 3 audio inputs and 1 audio output. The digital audio embedded in HDMI and DP inputs are selected by a HDMI switcher, then go to the scaler. The scaler produces both SPDIF digital audio and de-embedded analog audio. The HDMI encoder can select the former in pass through or the latter mixed with analog input and embeds it into HDMI and then into the daisy chain processor.
Daisy chain system	Luxi proprietary format, digital video, audio, control, Ethernet and power, up to 32 devices (1 Tx = 1; 1 Rx = 2)
System cables	Min.: Cat.6, UTP, 550MHz, 23/24 AWG, solid conductors, min. 2m
Max distance between 2 adjacent devices	Typical 33 m (110') for 720p; 18 m (60') for 1080p (depends on source, display device performance, and signal format)
RJ45 connector pin configuration	Standard EIA 568B pinout
Power	12 V DC, 0,3 A (max. 1 A) from external power or other Presenter™

Connections	
Input connectors	1x VGA, 1x Stereo Audio, 1x DisplayPort, 1x HDMI, 1x Daisy Chain (RJ45), 1x Ethernet
Output connector	1x Daisy Chain (RJ45)
Power connector	1x 2-pin 3.5 mm captive screw receptacle
Control connector	1x RS-232 (Phoenix, 3-Pin), 1x Show Me / Input Selection (Phoenix, 4-Pin)

Mechanical	
Enclosure material	Steel
Enclosure size / Net weight	10,9 x 2,5 x 15,2 cm / 0,44 kg

Certifications	
Safety	CE, cUL, UL (power supply only)
EMI/EMC	CE, FCC Class A
MTBF	30.000 hours
Warranty	3 years parts and labor

Package Content	
LU-TPR-150CR	1x
Captive screw plugs	2x
Quick start guide	1x

### Logistic Informations

#### Single Box

Quantity: 1 pcs  
Size: 18,9 x 15,4 x 2,8 cm  
Weight: 0,49 kg



#### Export Box

Quantity: 22 pcs  
Size: 31,5 x 29,5 x 24,0 cm  
Weight: 10 kg



### Optional accessories

**Power Supply - 12 V 0,2 A (1 A max.)**  
LU-PS12V1A

**Under Desk Mount**  
LU-UDM-100

**HDMI Cable - High Speed with Ethernet, Secure Lock System**  
PI1000-xxx (-005=0,50m, -010=1,00m, -015=1,50m, ...)

**Cat6 Cable - AWG 23 solid copper**  
MC0002-xxx (-005=0,50m, -010=1,00m, -015=1,50m, ...)