

## Specifications

### TLI Pro 201

#### TRUE 4K specifications

Max. 4K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
4096 x 2160 at 30 Hz	4:4:4	8 bit
3840 x 2160 at 30 Hz		

Frame rate <sup>1</sup> .....	24, 25 or 30 fps
Chroma sampling <sup>1</sup> .....	4:4:4 or 4:2:2
Color bit depth <sup>1</sup> .....	8 bits per color
Signal type .....	HDMI 1.4b, HDCP 2.3
Max. video data rate .....	8.91 Gbps (2.97 Gbps per color)
Maximum pixel clock .....	297 MHz

**NOTE:** <sup>1</sup>Subject to the maximum data rate limit. Use our calculator (<https://www.extron.com/8Kdata rate>) to determine video parameters supported by this data rate.

#### Video input

Number/signal type .....	1 HDMI
Connectors .....	1 female HDMI type A
Horizontal frequency .....	15 kHz to 100 kHz
Vertical frequency .....	24 Hz to 75 Hz
Resolution range .....	640x480 @ 60 Hz through 3840x2160 @ 30Hz includes 480p, 576p, 720p, 1080p, 2K, and 4K
Standards .....	DVI 1.0, HDMI 1.4b, HDCP 2.3

#### Video processing

Maximum data rate .....	8.91 Gbps (2.97 Gbps per color)
Maximum pixel clock .....	297 MHz
Color bit depth .....	8 bits per color
Formats .....	RGB and YCbCr digital video

#### Video output

Number/signal type .....	1 HDMI output
Connectors .....	1 female HDMI type A
Video output power for active cables .....	1.1 W max. for the HDMI port
Peripheral device power .....	250 mA
Horizontal frequency .....	15 kHz through 100 kHz
Vertical frequencies .....	23.98 Hz, 24 Hz, 25 Hz, 29.97 Hz, 30 Hz, 50 Hz, 59.94 Hz, 60 Hz
Output resolutions .....	640x480, 800x600, 1024x768, 1280x720, 1280x724, 1366x768, 1600x1200, 1920x1200, 3840x2160 (up to 30 Hz), 480p, 576p, 720p, 1080p, 2K, 4K @ 30Hz
Standards .....	DVI 1.0, HDMI 1.4b, HDCP 2.3

#### Memory

RAM .....	2 GB
Storage .....	16 GB

# Specifications • TLI Pro 201 (Continued)

## Audio input

Number/signal type.....	1 embedded digital audio from HDMI (LPCM-2Ch only)
Connectors.....	1 female HDMI

## Audio output

Number/signal type.....	1 embedded digital audio on HDMI
Connectors.....	1 female HDMI
Playback format(s)	
Container format .....	WAV (Microsoft RIFF)
Encoding .....	LPCM (uncompressed)
Bit depth .....	Signed 16-bit or 24-bit
Sampling rate .....	Up to 48 kHz
Audio channels.....	Mono or stereo

## Ethernet

Connectors.....	1 female RJ-45 connector
Data rate.....	10/100/1000Base-T, half/full duplex with autodetect
Protocols .....	DHCP, DNS, HTTP, HTTPS, ICMP, IEEE 802.1x, SFTP, SSH, TCP/IP, UDP/IP
Default settings .....	Link speed and duplex level = autodetected IP address = 192.168.254.251 Subnet mask = 255.255.255.0 Default gateway = 0.0.0.0 DHCP = off DNS = 127.0.0.1

## Software

Configuration software .....	Global Configurator Plus and Professional, GUI Designer
Programming software.....	Global Scripter
Control apps.....	Extron Control, iGVE
Resource management software.....	GlobalViewer Enterprise, iGVE
Utilities .....	Toolbelt, Embedded web page

## USB

Number/signal type.....	1 device
Connectors.....	1 USB type A receptacle
Standards .....	USB 2.0, USB 1.1, USB 1.0 compatible
Max. data rates.....	Low speed (1.5 Mbps), full speed (12 Mbps), high speed (480 Mbps)

## General

Power supply.....	External
Power input requirements .....	Power over Ethernet Plus (PoE 802.3at)
Power consumption — Power injector (PI 140, not included)	
Device .....	17.3 watts
Device and power injector .....	22.0 watts
Auxiliary power output	
USB .....	5 VDC, 480 mA
Temperature/humidity .....	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling .....	Convection
Thermal dissipation — Power injector (PI 140, not included)	
Device.....	49.9 BTU/hr
Device and power injector .....	65.9 BTU/hr
Rack mount .....	Yes with optional rack shelf
Enclosure type .....	Metal

## Specifications • TLI Pro 201 (Continued)

Enclosure dimensions .....	1.00" H x 8.70" W x 8.00" D (half rack wide) (25 mm H x 221 mm W x 203 mm D) (Depth excludes connectors.)
Product weight .....	1.70 lbs (0.77 kg)
Regulatory compliance.....	CE, C-Tick, FCC Class A, ICES, VCCI, c-UL, UL, RoHS, and WEEE
Product warranty .....	3 years parts and labor

**NOTE:** All nominal levels are at  $\pm 10\%$ .

**NOTE:** Specifications are subject to change without notice.

**NOTE:** Shipping weights and dimensions are available at [www.extron.com](http://www.extron.com).

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