

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 ¹	24, 25 or 30 fps
Chroma sampling ¹	4:4:4 or 4:2:2
Color bit depth ¹	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: ¹Subject to the maximum data rate limit. Use our calculator (<https://www.extron.com/8KdataRate>) 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, SNMP, 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 device ports

Number/signal type.....	1 high-speed USB 2.0 device
Connectors.....	1 USB type A female
Maximum built-in USB hubs.....	0
Minimum built-in USB hubs.....	0
USB Standards.....	USB 2.0, USB 1.1, USB 1.0 compatible
USB data rates	Low speed (1.5 Mbps), full speed (12 Mbps), high speed (480 Mbps)
Available USB power.....	480 mA

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
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

Specifications • TLI Pro 201 (Continued)

Enclosure type	Metal
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.

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