



HD Distribution

Featuring 4K Support and PoE



New 4K HDBaseT Lite HD Distribution range including 4x4, 6x6, and 8x8 matrices with local HDMI mirrored outputs.

Feature packed and designed to fulfil the expectations of your most discerning clients.

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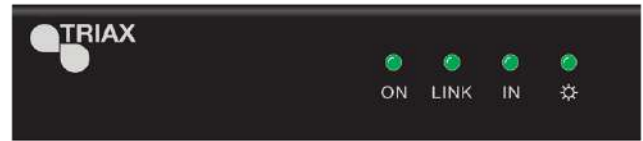
HTX 1H1LP4K

Part No. 310040

HTX 1H1LP4K is a 4K HDBaseT transmitter with 1 x HDBaseT output plus 1 x HDMI output.

It distributes HDMI signals via CAT cable up to 230ft (70m) with PoE, and enables IR and RS232 pass through to control the remote displays.

- Integrated with HDBaseT technology, 4Kx2K @30Hz
- 1 x HDBaseT output with PoE at 230ft (70m)
- 1 x HDMI output for local monitor or cascading
- Addressable RS232 & Bi-directional IR to control display
- Smart EDID management
- LEDs for status checking



Input	1 x HDMI(HDMI female), 1 x RS232(3 pin captive screw connector), 1 x IR(3.5mm mini jack)
Output	1 x HDMI(HDMI female), 1 x HDBaseT(RJ45), 1 x RS232(3 pin captive screw connector), 1 x IR(3.5mm mini jack), 1 x IR LOOP(3.5mm mini jack), 1 x RS232 LOOP(3 pin captive screw connector)
Gain	0dB
Bandwidth	10,2Gbps
Maximum Pixel Clock	340MHz
Transmission Distance	230ft (70m) (max.)
Resolution	1080p, 3D & 4Kx2K
HDMI Standard	Support HDMI1.4 & HDCP
CMMR	>90dB@20Hz-20KHz
Frequency Response	20Hz-20KHz
Control	IR & RS232
Power Supply	24V DC;48W
Temperature	-20 ~ +60°C
Humidity	10% ~ 90%
Chassis Dimension	W129.6 x H28 x D77 (mm)

HTX 1H4LP4K

Part No. 310041

HTX 1H4LP4K is a 4K HDBaseT transmitter with 4 x HDBaseT outputs plus 1 x HDMI output.

It distributes HDMI signals via CAT cable up to 230ft (70m) with PoE, and enables IR and RS232 pass through to control the remote displays.

- Integrated with HDBaseT technology, 4Kx2K @30Hz
- 4 x HDBaseT outputs with PoE at 230ft (70m)
- 1 x HDMI output for local monitor or cascading
- Addressable RS232 & Bi-directional IR to control display
- Smart EDID management
- LEDs for status checking



Input	1 x HDMI(HDMI female), 1 x RS232(3 pin captive screw connector), 1 x IR(3.5mm mini jack)
Output	1 x HDMI(HDMI female), 4 x HDBaseT(RJ45), 1 x RS232(3 pin captive screw connector), 1 x IR(3.5mm mini jack), 1 x IR LOOP(3.5mm mini jack), 1x RS232 LOOP(3 pin captive screw connector)
Gain	0dB
Bandwidth	10,2Gbps
Maximum Pixel Clock	340MHz
Transmission Distance	230ft (70m) (max.)
Resolution	1080p, 3D & 4Kx2K
HDMI Standard	Support HDMI1.4 & HDCP
CMMR	>90dB@20Hz-20KHz
Frequency Response	20Hz-20KHz
Control	IR & RS232
Power Supply	24V DC;48W
Temperature	-20 ~ +60°C
Humidity	10% ~ 90%
Chassis Dimension	W220 x H44 x D66 (mm)

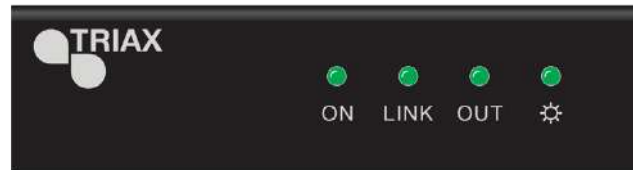
HRX 1LP4K

Part No. 310039

HRX 1LP4K is a HDBaseT receiver for HDMI, IR & RS232 up to 230ft (70m) with PoE.

Compatible with all Triax matrices and transmitters.

- Integrated with HDBaseT technology
- Supports HDMI 1.4, 3D & 4Kx2K
- 230 feet (70m) transmission for HDMI, bi-directional IR & RS232
- PoE functionality
- CEC pass through and HDCP compatible
- Designed for efficient ventilation
- Locking power supply



Input	1 x HDBaseT (RJ45), 1 x IR (3.5mm mini jack).
Output	1 x HDMI (HDMI female), 1 x RS232 (3 pin captive screw connector), 1 x IR (3.5mm mini jack).
Transmission Mode	HDBaseT
Resolution	800x600 ~ 1920x1200, 3D & 4Kx2K
Gain	0dB ~ 10dB@100MHz
Transmission Distance	230ft (70m) (max.)
Differential Phasic Error	$\pm 10^\circ$ @ 135MHz-100M
Bandwidth	10,2Gbps
Return Lost	$< -30\text{dB}@5\text{KHz}$
HDMI Standard	Support HDMI1.4 & HDCP
Min. ~Max. Level	$< 0.3\text{V} \sim 1.45\text{Vp-p}$; 75 Ω
Power Supply	24V DC;9.6W
Temperature	-20 ~ +60°C
Humidity	10% ~ 90%
Chassis Dimension	W110 x H28 x D77 (mm)

HMX 442LP4K

Part No. 310037

HMX 442LP4K is a 4x4 HDBaseT matrix switcher with 4 x HDMI inputs, 4 x HDBaseT outputs and 2 x HDMI outputs with audio de-embedded, supporting 4K resolution. HDBaseT outputs support PoE for 230ft (70m) transmission.



- Supports HDMI 1.4, 4Kx2K & 1080p 3D
- HDCP 1.4 compliant
- Fast switching for instant display
- CEC pass through
- De-embedded digital and analogue audio available
- PoE functionality
- IR & RS232 call back from receiver
- Smart Bi-directional RS232
- Smart EDID management
- Smart Bi-directional IR
- LCD for status checking
- IR RS232 and TCP/IP control (optional with GUI)
- IR ALL Out

Input	4 x HDMI (HDMI Female), 4 x IR (3.5mm jack), 1x IR ALL IN (3.5mm jack)
Output	2 x HDMI (HDMI Female), 4 x HDBaseT (Female RJ45), 4 x IR (3.5mm jack), 4 x Stereo audio (Captive screw connectors), 4 x Digital audio (Coax, RCA connector, supports PCM,DOLBY,DTS 5.1), 1 x IR ALL OUT
Gain	0dB
Video Signal	HDMI (or DVI-D)
Signal Level	T.M.D.S. 2.9V~3.3V
Transmission Distance	1080P@60Hz ≤70m, 4Kx2K@30Hz ≤40m
Bandwidth	10,2Gbps
Resolution Range	Up to 4Kx2K@30Hz
Switching Speed	200ns (Max.)
EDID Management	In-built EDID data and manual EDID management
HDCP	HDCP 1.4, auto and manual HDCP management.
Stereo Output	Earphone output: distortion 0.1% 32Ω/70mW@1KHz, 0.1% 16Ω/105mW @1KHz, support PCM
Frequency Response	20Hz~20KHz
Control	IR Remote&RS232 (9-pin female D connector), optical TCP/IP control
Power Supply	DC 24V 2.5A
Power Consumption	48W (Max.)
Temperature	-10 ~ +40°C
Reference Humidity	10% ~ 90%
Dimension	W437 x H44 x D235 (mm) (1U high, full rack wide)
Weight	2.0Kg

HMX 663LP4K

Part No. 310047

HMX 663LP4K is a 6x6 HDBaseT matrix switcher with 6 x HDMI inputs, 6 x HDBaseT outputs and 3 x HDMI outputs with audio de-embedded, supporting 4K resolution. HDBaseT outputs support PoE for 230ft (70m) transmission.

- Supports HDMI 1.4, 4Kx2K & 1080p 3D
- HDCP 1.4 compliant
- Fast switching for instant display
- CEC pass through
- De-embedded digital and analogue audio available
- PoE functionality



- IR & RS232 call back from receiver
- Smart Bi-directional RS232
- Smart EDID management
- Smart Bi-directional IR
- LCD for status checking
- IR RS232 and TCP/IP control (optional with GUI)
- IR ALL Out

Input	6 x HDMI (HDMI Female), 6 x IR (3.5mm jack), 1 x IR ALL IN (3.5mm jack), 6 x Stereo audio (captive screw connectors)
Output	3 x HDMI (HDMI Female), 6 x HDBaseT (Female RJ45), 6 x IR (3.5mm jack), 6 x Stereo audio (Captive screw connectors), 1 x IR ALL OUT
Gain	0dB
Video Signal	HDMI (or DVI-D)
Signal Level	T.M.D.S. 2.9V~3.3V
Transmission Distance	1080P@60Hz ≤70m, 4Kx2K@30Hz ≤40m
Bandwidth	10,2Gbps
Resolution Range	Up to 4Kx2K@30Hz
Switching Speed	200ns (Max.)
EDID Management	In-built EDID data and manual EDID management
HDCP	Supports HDCP 1.4, auto detecting for HDCP status & selectable HDCP status
Stereo Output	Earphone output: distortion 0.1% 32Ω/70mW@1KHz, 0.1% 16Ω/105mW @1KHz, support PCM
Frequency Response	20Hz~20KHz
Control	IR Remote&RS232 (9-pin female D connector), optical TCP/IP control
Power Supply	100V~240V AC
Power Consumption	80W (full load)
Temperature	-10 ~ +40°C
Reference Humidity	10% ~ 90%
Dimension	W437 x H87.8 x D380 (mm)
Weight	5.3Kg

HMX 884LP4K

Part No. 310038

HMX 884LP4K is a 8x8 HDBaseT matrix switcher with 8 x HDMI inputs, 8 x HDBaseT outputs and 4 x HDMI outputs with audio de-embedded, supporting 4K resolution. HDBaseT outputs support PoE for 230ft (70m) transmission.

- Supports HDMI 1.4, 4Kx2K & 1080p 3D
- HDCP 1.4 compliant
- Fast switching for instant display
- CEC pass through
- De-embedded digital and analogue audio available
- PoE functionality



- IR & RS232 call back from receiver
- Smart Bi-directional RS232
- Smart EDID management
- Smart Bi-directional IR
- LCD for status checking
- IR RS232 and TCP/IP control (optional with GUI)
- IR ALL Out

Input	8 x HDMI (HDMI Female), 6 x IR (3.5mm jack), 1 x IR ALL IN (3.5mm jack), 6 x Stereo audio (captive screw connectors)
Output	4 x HDMI (HDMI Female), 6 x HDBaseT (Female RJ45), 6 x IR (3.5mm jack), 6 x Stereo audio (Captive screw connectors), 1 x IR ALL OUT
Gain	0dB
Video Signal	HDMI (or DVI-D)
Signal Level	T.M.D.S. 2.9V~3.3V
Transmission Distance	1080P@60Hz ≤70m, 4Kx2K@30Hz ≤40m
Bandwidth	10,2Gbps
Resolution Range	Up to 4Kx2K@30Hz
Switching Speed	200ns (Max.)
EDID Management	In-built EDID data and manual EDID management
HDCP	Supports HDCP 1.4, auto detecting for HDCP status & selectable HDCP status
Stereo Output	Earphone output: distortion 0.1% 32Ω/70mW@1KHz, 0.1% 16Ω/105mW @1KHz, support PCM
Frequency Response	20Hz~20KHz
Control	IR Remote&RS232 (9-pin female D connector), optical TCP/IP control
Power Supply	100V~240V AC
Power Consumption	103W (full load)
Temperature	-10 ~ +40°C
Reference Humidity	10% ~ 90%
Dimension	W437 x H87.8 x D380 (mm)
Weight	5.4Kg

HDA 1x2S4K

Part No. 310051

HDA 1x2S4K is a 1x2 HDMI splitter with unique ultra-slim design.

It supports 4K resolution and HDCP 1.4.

- Ultra-slim design
- Bandwidth up to 10.2Gbps
- Supports HDMI 1.4, 4Kx2K, 1080p, 3D
- Supports hot-plug
- HDCP 1.4 compliant



4K

Input	1 x HDMI (Female type A HDMI 1.4), T.M.D.S. 2.9V~3.3V, 100Ω
Output	2 x HDMI (Female type A HDMI 1.4), T.M.D.S. 2.9V~3.3V, 100Ω
Bandwidth	10,2Gbps
Max Resolution	4Kx2K, 1080P 3D@60Hz
Max Pixel Clock	340MHz
Gain	0dB
HDCP	Compliant with HDCP1.4
EDID	In-built EDID management
Temperature	-10 ~ +40°C
Reference Humidity	10% ~ 90%
Power Consumption	2.5 W
Power	DC 5V 1A
Dimension	W100 x H11 x D70 (mm)
Weight	0.08kg

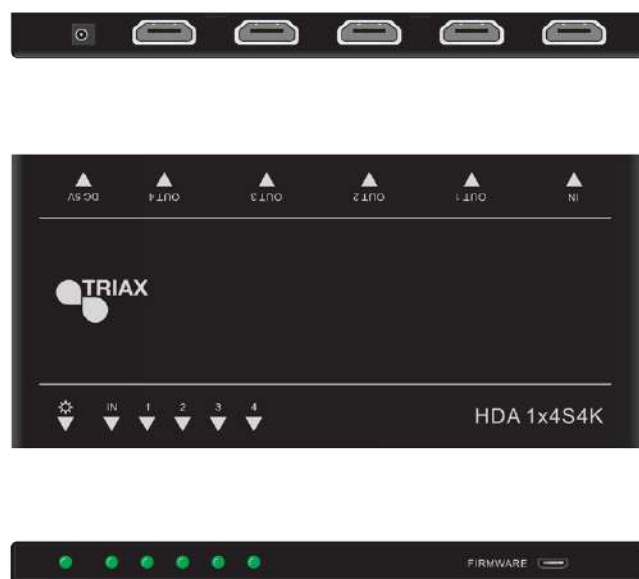
HDA 1x4S4K

Part No. 310052

HDA 1x4S4K is a 1x4 HDMI splitter with unique ultra-slim design.

It supports 4K resolution and HDCP 1.4.

- Ultra-slim design
- Bandwidth up to 10.2Gbps
- Supports HDMI 1.4, 4Kx2K, 1080p, 3D
- Supports hot-plug
- HDCP 1.4 compliant



4K

Input	1 HDMI (Female type A HDMI 1.4), T.M.D.S. 2.9V~3.3V, 100Ω
Output	4 HDMI (Female type A HDMI 1.4), T.M.D.S. 2.9V~3.3V, 100Ω
Bandwidth	10,2Gbps
Max Resolution	4Kx2K, 1080P 3D@60Hz
Max Pixel Clock	340MHz
Gain	0dB
HDCP	Compliant with HDCP1.4
EDID	In-built EDID management
Temperature	-10 ~ +40°C
Reference Humidity	10% ~ 90%
Power Consumption	3.6 W (Max.)
Power	DC 5V 1A
Dimension	W150 x H11 x D70 (mm)
Weight	0.12kg

Headquartered in Denmark, Triax is an international supplier of innovative, high-tech solutions for the reception and distribution of video, audio and data signals.

The company's products and solutions are used by broadcasters, cable operators, local closed networks and domestic dwelling. Triax has 9 sales subsidiaries generating a turnover of €100M and operates in more than 60 distributor countries.

The Triax team consists of approx. 350 employees and is part of Nielsen & Nielsen Holding, an international group employing 1,600 people.



TRIAX UK
Abergorki Industrial Estate,
Treorchy,
Rhondda Cynon Taff.
South Wales
CF42 6DL
Tel. 0845 601 0578
sales@triax.co.uk

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