

HDMI over CAT5e HDBaseT Extender - RS232 - IR - Ultra HD 4K - 330 ft (100m) - TAA

Produkt ID: ST121UTPHD2



The StarTech.com HDBaseT extender kit, extends HDMI up to 330 feet (100 Meters) over a single CAT5e or CAT6 cable. The extender supports Ultra HD and Full HD resolutions (4K / 1080p) with support for 3D and the accompanying 7.1 digital audio. For added versatility the transmitter and receiver can be used to transmit IR and RS232 serial communication over the same cable. The versatility of this video extender makes it an ideal solution for digital signage applications.

HDBaseT is a standardized, zero latency, video distribution technology that's revolutionizing HDMI distribution. HDBaseT uses an advanced method of modulation that enables you to distribute uncompressed HDMI audio and video along with additional signals such as 100BaseT Ethernet, IR, RS-232 serial and power over cable.

The extender offers HDBaseT technology with HDMI, IR, and RS232 control in a single CAT 5e extender kit, for complete end-to-end control. Offering greater versatility than traditional HDMI extenders or HDMI cabling alone HDBaseT is the clear choice for every integrator and system designer. The IR extension enables you operate your display and an IR-enabled source device, such as a Blu-ray player or TV Set top box, from either end of your extension. While RS232 control let you to connect a serial I/O device at your display - an ideal solution for adding a serial touch screen interface to your remote display.

With the A/V industry quickly adopting 4K as the new high-resolution video standard, long range video distribution can be a challenge with standard HDMI cables beginning signal degradation at 30 feet.

With support for 4K 30Hz you'll be amazed at how HDBaseT maintains your Ultra HD picture quality, four times the resolution of high-definition 1080p, even at 164 feet away from your video source. Plus, because the extender is still backward compatible with High-Definition 1080p displays and video sources, you can rest assured this extender will make your video source look great in any remote digital signage application.

This extender has been specially crafted for a smooth, tidy installation. HDBaseT technology allows for single cable installation, for seamless integration using existing CAT5e or CAT6 infrastructure, avoiding

the hassle of running multiple cables, while reducing potential failure points. Mounting hardware is also built-in to both the extender and receiver for discrete, professional mounting.

The ST121UTPHD2 is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Certifikat, rapporter och kompatibilitet



Användning

- Position a display/monitor in a convenient viewing area while the transmitting content over a CAT5 cable from a cleaner, more secure environment
- Ideal for digital signage applications in financial, educational, medical and business sectors
- Perfect for video conferencing solutions in boardrooms and office settings
- Optimize placement of your demo stations at trade-shows and in auditoriums

Funktioner

- With HDBaseT extend HDMI, IR, and RS-232 through one CAT5e or CAT6 cable
- Enastående bildkvalitet med stöd för upplösningar på upp till UltraHD 4K (upp till 50 m)
- Hassle-free installation with a single CAT5e or CAT6 cable and built-in mounting hardware
- Stöder även HD-videoupplösningar som till exempel 1920x1200 eller 1080p vid avstånd på upp till 100 m
- Supports unidirectional RS232
- Dolby® TrueHD, DTS-HD MA Audio
- RS232 interface supports up to 115200bps full-duplex data rate
- No software or drivers required

Hårdvara

Garantipolicy	2 Years
Portar	1
Kablage	Cat 5 UTP eller bättre
Audio	Ja
Industristandarder	High Speed HDMI® and HDCP compliant
Kedjekoppling	Nej

Prestanda

Maximal dataöverföringshastighet	HDMI® - 3.4Gbps RS232 - 115200bps baud
Maximalt avstånd	100m [328ft]
Maximal digital upplösning	4K
Stödda upplösningar	3840x2160 (4K) 2560x1600 1920x1200 1920x1080 (1080p) 1280x720 (720p)
Stöd för widescreen	Ja
Audio-specifikationer	Supports Dolby® TrueHD, DTS-HD MA
Allmänna specifikationer	IR Interface: unidirectional 38Khz / ±10° / 5M

Kontakt(er)

Lokala enhetskontakter	1 - DB-9 (9-stifts, D-Sub)
	2 - HDMI (19-stifts)
	1 - IrDA (Infraröd, SIR/FIR)
	1 - RJ-45

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Mjukvara	OS-kompatibilitet	OS Independent
Särskilda anmärkningar/krav	System- och kabelkrav	1X Standard CAT5 cable, 1X HDMI Cable for Remote Unit (Local Cable Included)
Indikatorer	LED-indikatorer	1 - Power (Green) 1 - RJ45 Link (Green) 1 - Mode (Green) 1 - HDCP (Green)
Ström	Strömkälla	2 AC-adaptrar medföljer
	Inspänning	100 - 240 AC
	Inström	0.6
	Utspänning	12V DC
	Utström	1.24A
	Polaritet på mittpol	Positiv
	Kontakttyp	M
	Strömförbrukning	12
Miljö	Drifttemperatur	0°C to 70°C (32°F to 158°F)
	Förvaringstemperatur	-20°C to 85°C (-4°F to 185°F)

	Luftfuktighet	0-95%
Utseende		
	Färg	Svart
	Kabinettyp	Stål
	Produktlängd	5.9 in [15.0 cm]
	Produktbredd	3.1 in [8.0 cm]
	Produkthöjd	1.0 in [2.5 cm]
	Produktvikt	1.3 lb [0.6 kg]
Förpackning		
	Förpackningsantal	1
	Paketets längd	10.0 in [25.4 cm]
	Paketets bredd	12.2 in [30.9 cm]
	Paketets höjd	2.6 in [6.7 cm]
	Fraktvikt (förpackning)	3.4 lb [1.5 kg]
Vad det är i lådan		
	Ingår i paketet	1 - Local HDMI® Extender Unit
		1 - Remote HDMI® Receiver Unit
		1 - IR Receiver Cable
		1 - IR Transmitter Cable
		1 - HDMI Cable - 4 ft (1.2 Meters)
		2 - Universal Power Adapter NA / UK / EU
		1 - User Manual
Warranty Information		
	Warranty	2 År

* Produkters utseende och specifikationer kan komma att ändras utan förvarning.