

HDM-EX150IR

Dtech 150m HDMI extender kit with IR passthrough

Product Overview

Dtech 150m HDMI extender kit with IR passthrough, Includes matched Transmitter and Receiver unit Set, Extends HDMI Video and Audio over Cat5E or CAT6 Network cable, Supports 1080p Maximum Resolution Full HD at 60Hz, Transmits signal up to 150 metres distance on single cable, Features H.264 Video Compression for efficient transmission rates, Built-In IR passthrough allows Remote Control signal return, Works over Network Switches for point-to-multipoint installations, Driverless Plug and Play setup with Automatic equalization





Specifications

Overview Summary:

Extend your audio and video signals with the Dtech HDM-EX150IR, a reliable HDMI extender kit designed for South African homes and businesses. This complete set allows you to transmit high-quality 1080p Full HD content up to 150 meters using standard network cables, making it perfect for long-distance installations in meeting rooms, surveillance setups, or home entertainment systems without the need for expensive fiber optics.

The kit includes both a transmitter and receiver with built-in IR passthrough technology, enabling you to control your source devices remotely from the display location. With H.264 compression ensuring stable playback and a durable metal enclosure for protection, this plug-and-play solution simplifies complex AV setups while maintaining crystal-clear picture quality.

Upgrade your connectivity today by buying now to ensure seamless video distribution across your property. Shop now to secure this professional-grade extension kit and transform how you manage audio-visual signals in any environment.

Performance tier:Professional

Uses:Home entertainment, surveillance systems, meeting rooms, education facilities, digital signage installations, remote control of media players and NVRs

Overview:

Dtech HDM-EX150IR HDMI Extender with IR Passthrough

The DTECH HDM-EX150IR is a comprehensive solution designed to extend high-definition video and audio signals over standard network cabling, eliminating the need for bulky or expensive long HDMI runs. This complete kit includes a matched transmitter and receiver set that compresses the HDMI signal using efficient H.264 technology, allowing stable transmission up to 150 meters via Cat5e or Cat6 cables. It is an ideal choice for diverse environments including AV installations, surveillance systems, meeting rooms, educational facilities, digital signage, and home entertainment setups where reliable long-distance connectivity is required.

Description:

The Dtech HDM-EX150IR offers a robust method to extend HDMI signals up to 150 meters using standard network cables. This kit includes both transmitter and receiver units, supporting resolutions up to 1080P@60Hz with backward compatibility for lower settings. Key benefits include built-in IR passthrough for remote control functionality from the display side, metal housings for durability, and automatic equalization for plug-and-play ease of use.

Features:

Key Benefits

- Complete transmitter and receiver kit for seamless installation
- Extends HDMI video and audio up to 150m over Cat5e/Cat6 cable
- Supports high-quality 1080P@60Hz playback with H.264 compression
- Built-in IR passthrough allows control of source devices from the display location
- Durable metal enclosure with mounting flanges included
- Supports point-to-point and point-to-multipoint configurations via network switches
- Driverless plug-and-play setup with automatic equalization

The system is engineered to work seamlessly with various source devices such as decoders, media players, NVRs, PCs, or laptops. By utilizing H.264 video compression, the kit ensures smooth playback and minimal latency over the network link. The inclusion of ESD protection circuits safeguards the equipment against electrical surges, while the metal construction provides a robust physical form factor suitable for professional mounting.

Technical Specifications:

- Product Type: HDMI IP Network Extender Kit
- SKU / Part Number: HDM-EX150IR
- Maximum Resolution: 1080P Full HD at 60Hz
- Cable Reach: Up to 150 meters on a single Cat5e or Cat6 run
- Signal Type: Compressed HDMI video and audio with IR return
- Video Codec: H.264 for optimized transmission rates
- Power Input: External DC 5V/1A adapters (included)
- Dimensions: 160 mm x 85 mm x 25 mm
- Total Weight: 0.73 kg

The installation process is straightforward, requiring no drivers or complex configuration software. The units feature built-in automatic equalization to adjust signal integrity over varying cable lengths automatically. For larger deployments, the system supports cascading through compatible network switches and routers, enabling point-to-multipoint setups that can serve multiple displays from a single source.

What's in the box

- HDMI Transmitter Unit
- HDMI Receiver Unit
- Two DC 5V/1A Power Adapters
- Infrared (IR) Blaster and Receiver accessories for passthrough control
- Mounting flanges and hardware

This all-in-one kit is designed to simplify professional and residential AV projects where extending video signals over long distances is necessary without compromising on image quality or control capabilities.

Specifications:

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Specifications	
Product Code	HDM-EX150IR

Key specifications	
SKU	HDM-EX150IR
Kit	Transmitter + receiver
IR pass-through	Yes
Works over a network switch (IP)	Yes
Details	
Product type	HDMI IP Network Extender Receiver Unit
Max resolution	1080p Full HD at 60Hz video playback transmission
Reach	Up to 150 metres over a single Cat5e or Cat6 network cable
Setup type	Driverless plug and play with automatic equalization
Remote control	Built-in unidirectional IR infrared signal return
Codec format	H.264 video compression for fast transmission rates
Power	
Power input	External DC 5 V/1A power adapter plugs
Physical and environment	
Dimensions	160 mm x 85 mm x 25 mm
Weight	0.73 kg

FAQ

What types of devices can I connect to this HDMI extender?

The HDM-EX150IR kit is designed to send signals from sources like decoders, media players, NVRs, PCs, or laptops to remote displays. It supports backward compatibility with multiple lower resolutions in addition to its maximum support for 1080P@60Hz.

Do I need special software or drivers to install the system?

No, this unit features a driverless plug and play setup with built-in automatic equalization, meaning it is ready to use immediately after connecting the transmitter to your source device and the receiver to your display.

Can I control my source equipment from the remote location?

Yes, the kit includes built-in unidirectional IR passthrough. This allows you to send remote control signals back from the receiver side to your source equipment, such as a media player or NVR, so you can operate it while viewing at the display.

How far can I extend the HDMI signal and what cable is required?

The system supports transmission distances of up to 150 meters over standard Cat5e or Cat6 network cables. It also supports point-to-multipoint installations, allowing you to extend the connection through compatible network switching equipment if needed.

What comes included in the DTECH HDM-EX150IR kit?

The package is a complete all-in-one solution containing a matched transmitter and receiver set. It also includes mounting flanges for installation, necessary IR accessories for remote control functionality, and two external DC 5V/1A power adapters.

Is the equipment durable enough for professional or outdoor use?

The units are housed in metal enclosures with ESD protection circuits to ensure stability. While the dimensions are compact at 160 mm x 85 mm x 25 mm, the robust construction makes it suitable for professional AV installations and digital signage

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Product Specification Sheet

environments.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/HDM-EX150IR-Dtech-150m-HDMI-extender-kit-with-IR-passthrough-Buy-p-341568.php>

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