Video Extender

1080P HDMI IP Video Extender over CATx With Local Out, 1-Way IR, RS-232, Chainable, 100m

Model: VEX-HDIP-H100

PRODUCT OVERVIEW

The HDMI Chainable Extender over CAT5e/6 extends HDMI video and audio signals up to 100 meters between a source device (computer or media player) and a display (monitor or projector). With built-in signal enhancement for both video and audio, it maintains stable transmission with high-quality video and stereo audio performance. No additional software is required. The system is easy to install and operate, making it suitable for scalable video and audio extension applications.

KEY FEATURES

- Cascade-able Receiver design; each receiver unit can be linked to two additional receivers to extend the signal by another 100 m per stage
- Supports tree or daisy-chain cascade architecture for flexible expansion
- Easy installation using cost-effective CAT5e/6 cables
- Each TX/RX pair extends signals up to 100 m (330 ft)
- Supports video resolutions up to 1920 × 1080 @ 60 Hz (Full HD 1080p)
- HDTV compatible (720p / 1080i / 1080p)
- Supports stereo audio (2.0)
- Supports up to 10 cascade layers
- Supports RS-232 (serial control)
- IR (infrared remote control) pass-through (Rx-to-Tx)
- Includes local HDMI monitoring port
- Wall-mountable design

Video Extender

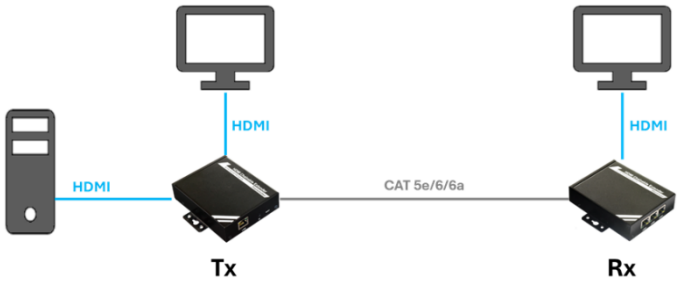
PRODUCT SPECIFICATIONS

VEX-HDIP-H100			Transmitter (TX)	Receiver (RX)
Video Input			HDMI x 1	-
Video Output			HDMI x 1	HDMI x 1
Max. Video Resolution			Up to 1920 x 1080 @60Hz	
Embedded Audio			Supports Stereo 2.0	
RS-232 Extension			Phone Jack	Phone Jack
IR Extension			Unidirectional (Rx to Tx)	
LED Indicators	Local	Power	Red	
		Link	Red / Green	
	Remote	Power	Red	
		Link	Red / Green	
DDC Supported			DDC / DDC2 / DDC2B	
Cascaded/Chainable			N/A	Up to 10 layers
Link Port			RJ-45 x 1 (Out)	RJ45 x 1 (In) RJ45 x 2 (Out)
Extension Range			Max. 100m (330 ft) with CAT5e/6/6a cable	
Power Supply			External DC 5V / 2A	
Power Consumption			5W	4.5W
Dimension (L x W x H mm)			115 x 91 x 28 mm	
Weight (g)			340	380
Housing Material			Metal	
Operating Environment			0 ~ 50°C (32 ~ 122°F)	
Storage Temperature			-20 ~ 60°C (-4 ~ 140°F)	
Humidity			0% - 80% RH	

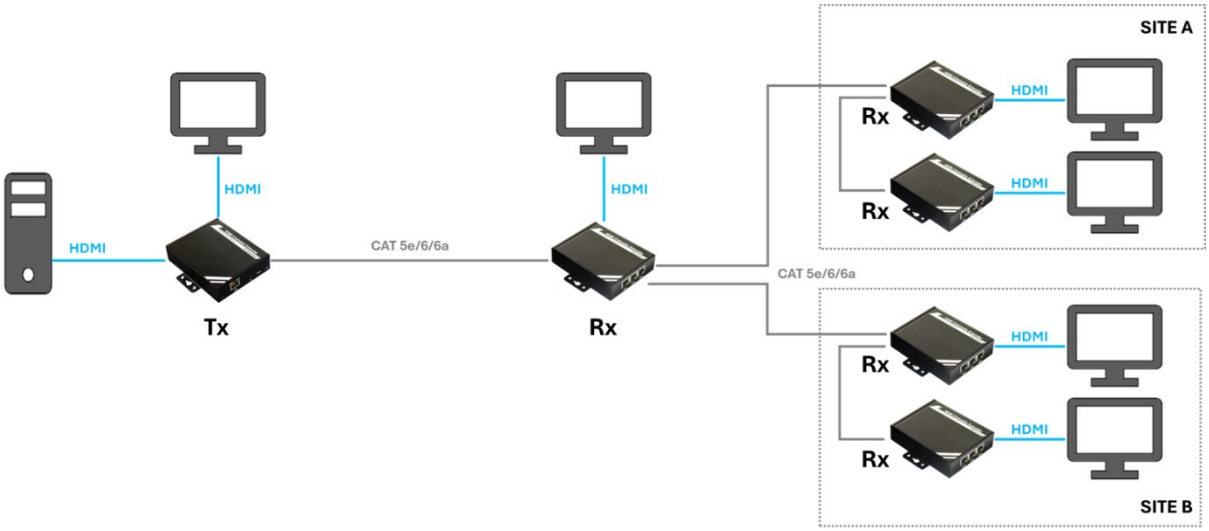
Video Extender

CONNECTION DIAGRAM

Connection 1-to-1



Connection 1-to-Many



PANEL DIAGRAMS

Front and Rear Panel:

Video Extender

PACKAGE CONTENTS

- 1 × VEX-HDIP-H100 Transmitter Unit
- 1 × VEX-HDIP-H100 Receiver Unit
- 2 × DC Power Adapter
- 1 × HDMI Cable
- 1 × Quick Start Guide

WARRANTY

- Standard 1-Year Limited Warranty, unless otherwise specified by Sales.
- Optional Advance Replacement Warranty is available upon request

ORDERING INFORMATION

Part Number	Descriptions
VEX-HDIP-H100	1080P HDMI IP Video Extender over CATx with Local Out, 1-Way IR, RS-232, Chainable, 100m

CONTACT INFORMATION

For more information, please visit our website or contact our customer service team:

- **Website:** www.dsgio.com
- **Email:** sales.apac@dsgio.com

DISCLAIMER

DSGio shall not be liable for any damages, including punitive, consequential, or cost of cover damages, arising from any errors in the product information or specifications provided in this document. This document is subject to revision by DSGio at any time without prior notice.