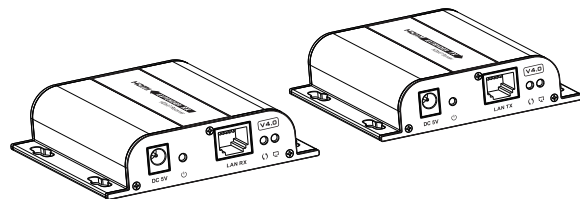




TrueReach
HDMI™ EXTENDER
HDMI Extender over single Cat 5/6



User Manual
Y10G002-B1



Introduction

The Rocstor TrueReach HDMI extender, extends the transmit length of HDMI Visual/Audio up to 120m(394ft) with single network cable. Supports IR signal transmission, to control media playback of the signal source device at the display location.

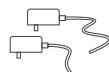
Important Safety instructions:

1. Do not mix up the HDMI EXTENDER sender and HDMI EXTENDER receiver, and the IR blaster and IR receiver.
2. Do not plug-in/out the cables ,when it is in use.
3. Use DC 5V power supply only.

Package Contents



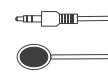
HDMI EXTENDER
sender TX ×1pc



DC5V/1A ×2pcs



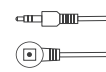
HDMI EXTENDER
receiver Rx ×1pc



IR blaster extension
cable x1pc



User Manual ×1pc



IR receiver extension
cable x1pc

Note: above accessory content is regular package for a kit. If purchased HDMI extender TX or HDMI extender RX separately, the package contents would be different.

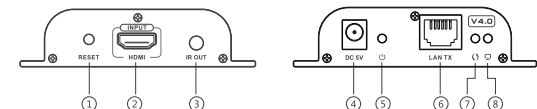
Installation Requirements

1. HDMI source device (computer graphics card, DVD,PS3, HD monitoring equipment etc).

2. HDMI display device like SDTV, HDTV, projector with HDMI port.
3. Network cables: UTP/STP Cat5e/6 network cables, which following the standard of IEEE-568B.
Transmission length: CAT5 260ft (80m)/CAT5E 328ft (100m)/CAT6 393ft (120m).

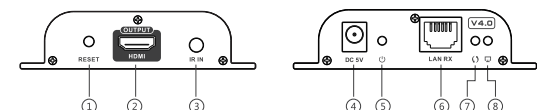
Panel Description

1. HDMI EXTENDER TX (Sender)


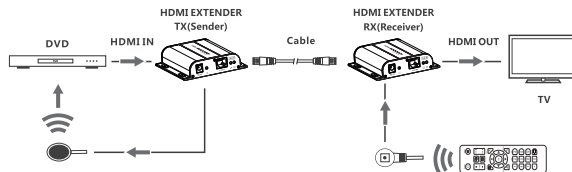
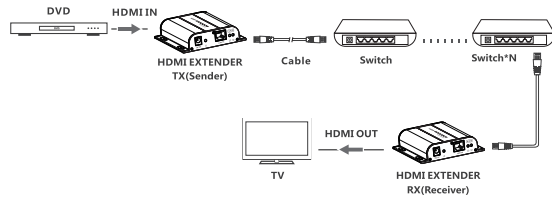
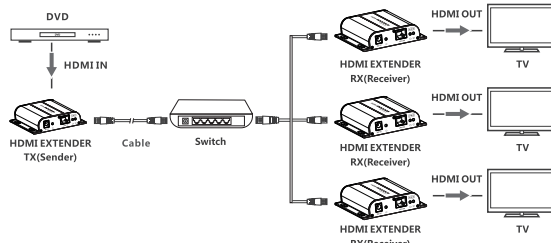


- | | |
|--|---------------------------|
| ① Reset | ⑤ Power Light |
| ② HDMI signal input | ⑥ RJ45 signal output |
| ③ IR signal output to connect with blaster extension cable | ⑦ Data transmission light |
| ④ Power input (DC5V) | ⑧ Network link light |

2. HDMI EXTENDER RX(Receiver)



- | | |
|---|---------------------------|
| ① Reset | ⑤ Power Light |
| ② HDMI signal output | ⑥ RJ45 signal input |
| ③ IR signal input to connect with IR receiver extension cable | ⑦ Data transmission light |
| ④ Power input (DC5V) | ⑧ Network link light |

Installation Procedures	Installation Procedures	Specification	Contact Information																							
<div><div><div>1. How to make a Cat5e/6 network cable</div><div>Follow the standard of IEEE-568B: 1-Orange/white 4-Blue 7-Brown/white 2-Orange 5-Blue/white 8-Brown 3-Green/white 6-Green</div><div></div></div><div><div>2. Connections</div><div><div>2.1 Point to Point connection: Up to 393ft (120m) transmission distance over single CAT6 over single CAT6.</div><div></div><div><div>2.2 LAN Switch Cascade Connection: By using the LAN switch/router to realize unlimited extension.</div><div></div><div><div>2.3 One-to-many Connection: By using network router/switch , one sender to several receivers, realize extender & splitter function.</div></div></div></div><div><div></div><div>Note: It is recommended that Gigabit Ethernet switches be used in LAN. Fast Ethernet switches (100Mbps) and Gigabit Ethernet switches (1000Mbps) can not be mixed-used in cascade.</div><div><div>3. IR User Guide</div><div><div>1) IR blaster extension cable should plug-in the IR-out port of TX (Sender) of HDMI extender, and the IR receiver extension cable should plug-in the IR-out port of the RX (Receiver) of HDMI extender.</div><div>2) The emitter of IR blaster should as close as possible to the IR receiver of the signal source device.</div><div>3) Using the IR remote controller of the signal source device towards the IR receiver (connected to the RX of HDMI extender), to remote control source media playback.</div></div></div></div><div><table><tr><th>Items</th><th>Specifications</th></tr><tr><td>HDMI Signal</td><td>HDM1.3 Compatible with HDCP1.4</td></tr><tr><td>Support resolutions</td><td>480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz</td></tr><tr><td>Network Cable</td><td>UTP/STP Cat5/5e/6</td></tr><tr><td>Transmission distance</td><td>Up to 120 meters transmission distance for 1080p 60Hz Full HD over single CAT6</td></tr><tr><td>IR signal</td><td>Supports 20~60KHz IR devices</td></tr><tr><td>Working Temperature</td><td>0°C ~ 60°C</td></tr><tr><td>Power Supply</td><td>DC5V/1A</td></tr><tr><td>Power Consumption</td><td>TX: 3.5W; RX: 3W</td></tr><tr><td>Protection</td><td>Lightning Protection, SurgeProtection, ESD protection</td></tr><tr><td>Dimensions</td><td>96.8(W) x 94(D) x 23.7(H)mm *2PCS</td></tr><tr><td>Weight</td><td>TX: 145g RX: 142g</td></tr><tr><td>Color</td><td>Black</td></tr></table><div><div>• FAQ</div><div><div><div>Q : TV display “Waiting for connection” ?</div><div>A : Please check if the power supply of TX (Sender) and switcher (if used) is connected, and make sure connecting cable is firmly.</div></div><div><div>Q : TV display “Please check the TX input signal” ?</div><div>A : 1) please check if there is a HDMI signal input of TX. 2) Try to connect the signal source directly to display device to see if there is singal output from source device or change the signal source, HDMI wire and try again.</div></div><div><div>Q : Display not fluent, not stable?</div><div>A : 1) Please check the cable length between the TX to switch, the switch to the RX and the connection between each level is within the required range. 2) Click the“reset”button on the TX/RX front panel, reset and reconnect.</div></div></div></div></div><div><div><div><div>Corporate Headquarters</div><div>12979 Arroyo Ave San Fernando, CA 91340 - USA</div></div><div><div>Office:</div><div>+1 (818) 727-7000</div></div><div><div>Fax:</div><div>+1 (818) 875-0002</div></div><div><div>Email:</div><div>info@Rocstor.com</div></div></div><div><div><div>Technical Support / RMA</div><div>Hours: 9:00 am - 5:00 pm PST Mon - Fri (excluding holidays)</div></div><div><div>Sales Info</div><div>Hours: 8:00 am - 5:00 pm PST Mon - Fri (excluding holidays)</div></div></div><div><div>Tell:</div><div>+1 (818) 727-7000 (DOM/INTL)</div></div><div><div>Fax:</div><div>+1 (818) 875-0002</div></div><div><div>Email:</div><div>support@Rocstor.com</div></div><div><div>Tell:</div><div>+1 (818) 727-7000 (DOM/INTL)</div></div><div><div>Fax:</div><div>+1 (818) 875-0002</div></div><div><div>Email:</div><div>support@Rocstor.com</div></div></div><div><div>Corporate, Government and Academic Customers</div><div>Our Corporate Sales Team's goal is to help our U.S.A. and Canadian customers find a storage solution that best serves their needs. We will help you determine your best purchasing options. For more information please contact the appropriate department below or call us at +1 (818) 727-7000.</div><div><div>General sales information:</div><div>sales@Rocstor.com</div></div><div><div>Corporate sales information:</div><div>corporate_sales@Rocstor.com</div></div><div><div>Educational sales information:</div><div>academic_sales@Rocstor.com</div></div><div><div>Federal, State & Local government sales information:</div><div>government_sales@Rocstor.com</div></div></div><div><div>Resellers/Business Development/OEM Partners</div><div>All Channel National and International Resellers, VARs, Consultants ...</div><div><div>contact Rocstor Channel Sales:</div><div>call: +1 (818) 727-7000</div><div>Email: reseller_info@Rocstor.com</div></div></div></div><div><div>Disclaimer</div><div><div>©2023 Rocstroge, Inc. Rocstor is registered trademark of Rocstorage, Inc. 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We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.</div></div></div></div>	Items	Specifications	HDMI Signal	HDM1.3 Compatible with HDCP1.4	Support resolutions	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz	Network Cable	UTP/STP Cat5/5e/6	Transmission distance	Up to 120 meters transmission distance for 1080p 60Hz Full HD over single CAT6	IR signal	Supports 20~60KHz IR devices	Working Temperature	0°C ~ 60°C	Power Supply	DC5V/1A	Power Consumption	TX: 3.5W; RX: 3W	Protection	Lightning Protection, SurgeProtection, ESD protection	Dimensions	96.8(W) x 94(D) x 23.7(H)mm *2PCS	Weight	TX: 145g RX: 142g	Color	Black
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