SETUP HDMI TX AND HDMI RX

An HTTP server is embedded in each TX and RX. You can setup IP address for HDMI extender via a web browser.

- The default IP address of the TX is 192.168.168.55, MAC address is: 00:0b:78:00:60:01.
- The default IP address of the RX is 192.168.168.56, MAC address is: 00:0b:78:00:60:02

Steps:

- 1. Assign the PC (or laptop) IP address on the computer following these directions through the relevant menus: "Contro Panel" > "Network Connections" > "Local Area Connections Status"? > "Properties" > "Internet Protocol (TCP/IP)".
- 2. Type the IP address field with 192.168.168.11 (0-255) and Subnet mask with 255.255.255.0. After that press OK to save the configuration.
- Note: The IP address of PC should be different from the IP address of TX and RX.
- 3. Use an ethernet cable to connect the PC (or laptop) and the extender. The power LED for the extender is red and the status LED becomes green.
- 4 Please ping the connected device from computer using the following sequence: "Start" > "Run" > input "CMD" > is established. input "ping 192.168.168.55" for TX or input "ping 192.168.168.56" for RX. You will receive a reply if the connection
- ġ Login in IE: 192.168.168.255 (default IP for TX) or 192.168.168.256 (default IP for RX). You can setup IP address subnet mask, gateway, and MAC address for the TX and RX
- <u></u>. Please set IP address for each TX and each RX, IP: 192.168.168.XX (XX:1-255). All IP addresses for TX and RX must be different
- .7 Please set MAC address for TX and RX. MAC:00:0b:78:XX:XX-XX (XX:01-FF). The MAC address for each TX and each RX must be different.
- œ After clicking the "Apply" button, the green LED light on the device will go out. You have successfully set IP address tor IX and KX

seconds. The green light will go out. You have successfully restored the IP address to factory default illuminates. Wait about 10 seconds until the green LED light illuminates. Then press the reset button for about 5-10 Note: If you need to restore the device to its factory default settings, please power on the device. The red light

CAUTION

ensure they do not play with the appliance. concerning the use of the appliance by a person responsible for their safety. Children should be supervised to mental capabilities, or lack of experience or knowledge, unless they have been given supervision or instruction This appliance is not intended for use by persons (including children) with reduced physical, sensory and

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A3140-41 HDMI Extender over Ethernet **Operating Instructions**



INTRODUCTION

before connecting, operating or adjusting this product. Please keep this manual for future reference. Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully

Features

- Compliant HDCP 1.2
- Uses off-the-shelf gigabit IP switches for extension and distribution
- Extends 1080p HDMI signals up to 120m over a single UTP Cat5e/6 cable
- Multicasting and broadcasting architecture, adding more displays without adding LAN bandwidth loading.
- Support Point-to-Point, Single point-to-Multiple point and Multiple point-to-Multiple point network configuration
- With IR Control function, it allows you control back the source at the end of destination.
- Can be cascaded for many layers by adding Ethernet switches.

Package Contents

- Main Unit. Transmitter and Received
- Power adapter DC 5V 1A x 2PCS
- IR-TX cable and IR-RX cable
- Operating Instructions

RX Ne Port

ecifications	
nperature Range:	-5 to +35°C (+23 to +90°F)
midity Range:	5 to 90%RH (No Condensation)
ut Video Signal:	0.5-1.0 Volts P-P
ut DDC Signal:	5 volts p-p(TTL)
oport Video Format:	DTV/HDTV:480i/576i/480P/576P/720P/1080i/1080P
eo Output:	HDMI
nsmission Distance:	1080P 8-bit 120m (Maximum) over single CAT5E/6 /24AWG/Solid
ver consumption:	TX:3watts; RX:3watts (Maximum)
wavelength & frequency:	Wavelength: 940nm, Frequency 38kHz
nension (L×W×H):	103.5 x 93.5 x 24.6mm
t Weight:	Receiver:220g,Transmitter:220g
	Default IP address:192.168.168.55 MAC address:00:0b:78:00:60:01
	Default IP address: 192 168 168 56 MAC address:00:0b:78:00:60:02

Note1: Specifications are subject to change without notice. Mass and dimensions are approximate Note2: One TX to many RX or many TX connect to many RX, IP and MAC address must always be different.









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TYPICAL APPLICATIONS



DVD OR STB



CONNECTING AND OPERATING Single point to multiple point

HDMI TX and RX" below (for one to many configurations, you only need to set the IP address for HDMI RX). An HTTP server is embedded in TX and RX. You can setup IP address for RX via web browser. Please refer to "Setup Connect HDMI TX port to the Ethernet switch port, also connect HDMI RX ports with the ports of a common IP switch.

- Connect the HDMI signal source (Such as DVD, Blu-ray) to HDMI Transmitter.
 Connect CAT5e or 6 cables to the Ethernet ports of both the transmitter and t
- Connect CAT5e or 6 cables to the Ethernet ports of both the transmitter and the receivers
- (The cables must follow the standard of EIA-TIA 568B wiring) See pinout diagram below.
- 3) Connect the HDMI output (Such as HD-LCD monitor) into the Receiver.4) Connect the power supply into Power port.
- 5) Connect the IR-TX receiving cables into IR-TX port on the back panel and affix the emitter onto the source IR windows.6) Connect IR-RX cable into IR-RX port on the receiver and affix the IR receiver in direct line of site with the handheld

Attention: Insert/Extract cables gently. Hot swapping is not recommended remote control. It is recommended to affix the receiver on the display frame / bezel or the display stand.

DVD or STB Remote



multiple point mode ends of the cable for use in the single point to This wiring configuration is required at both