

## 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: "Control 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" > 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 is established.

5. 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.

6. 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.

8. After clicking the "Apply" button, the green LED light on the device will go out. You have successfully set IP address for TX and RX.

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

## CAUTION

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

### NOT FIELD SERVICEABLE.

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# A3140-41 HDMI Extender over Ethernet Operating Instructions



## INTRODUCTION

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

### 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 Receiver
- Power adapter DC 5V 1A x 2PCS
- IR-TX cable and IR-RX cable
- Operating Instructions

### Specifications

Temperature Range:	-5 to +35 °C (+23 to +90 °F)	
Humidity Range:	5 to 90%RH (No Condensation)	
Input Video Signal:	0.5-1.0 Volts P-P	5 volts p-p(TTL)
Input DDC Signal:		
Support Video Format:	DTV/HDTV:480i/576i/480P/576P/720P/1080i/1080P	HDMI
Video Output:		
Transmission Distance:	1080P 8-bit 120m (Maximum) over single CAT5E/6 /24AWG/Solid	
Power consumption:	TX:3watts, RX:3watts (Maximum)	
IR wavelength & frequency:	Wavelength:940nm, Frequency 38kHz	
Dimension (L×W×H):	103.5 x 93.5 x 24.6mm	
Net Weight:	Receiver:220g, Transmitter:220g	
TX:	Default IP address:192.168.168.55	MAC address:00:0b:78:00:60:01
RX:	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.

