ANI-0104HC
USERS GUIDE

HDMI 4 Ports Splitter Amplifier by Cat5 x1

Dear Customer

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.

1.0 INTRODUCTION

This HDMI Splitter is an HDMI splitter with four RJ45 outputs. It distributes the input of the HDMI signal into the four identical outputs simultaneously. Four HDMI Extender Receivers by Cat5 x1 receive the distributed signal from the splitter and transmit to displays individually.

Each receiver works with the splitter as a full functional module. Only buy the most inexpensive UTP cable with cross stand inside the full functional module to extend the HDTV display up to 165 feet for 1080p.

This HDMI Splitter offers solutions for HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

1.1 FEATURES

This HDMI Splitter has many features that enable it to perform in a superior manner. Among those features you will find:

● Easy to Use: Install in seconds.
● One pair as a full functional module.
● One piece of CAT-5e/6 cable can substitute HDMI cable to achieve long distance transmission.
● Follows the standard of IEEE-568B.
● Transmission distance can be up to 165 feet for 1080p using UTP cable with cross stand inside.
● Supports HDMI1.2a.
● Supports highest video resolution 1080p.
● Supports 165MHz/1.65Gbps per channel (4.95Gbps all channel) bandwidth.
● Supports 8bit per channel (24bit all channel) deep color.
● Supports uncompressed audio such as LPCM.

2.0 SPECIFICATIONS

Signal Inputs/Output	
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920 x 1080p
Output Video	HDMI 1.2a
Operating Frequency	
Video Amplifier Bandwidth	1.65Gpbs/165MHz
Vertical Frequency Range	50/60Hz
Resolution(HDTV)	
Interlaced(50&60Hz)	480i, 576i, 1080i
Progressive(50&60Hz)	480p, 576p, 720p, 1080p
Mechanical	
Size of HDMI 4 Ports Splitter Amplifier (L-W-H)	10.7 x 7 x 1.6 in
Weight of HDMI 4 Ports Splitter Amplifier (Net)	2.9 lbs
Size of Receiver (L-W-H)	4 x 2.5 x 1 in
Weight of Receiver (Net)	.85 lbs
Warranty	
Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	32°F to +158°F
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	14°F to +175°F
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
Power Supply for HDMI 4 Ports Splitter Amplifier	5V DC@ 3A，15W
Power Supply for Receiver	5V DC@ 2A，5W
Regulatory Approvals	
Converter Unit	FCC,CE,UL
Power Supply	UL,CE,FCC
Accessories Adapter	
AC Power Adapter	US standard
User Manual	English Version

Note: Specifications are subject to change without notice.

3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:
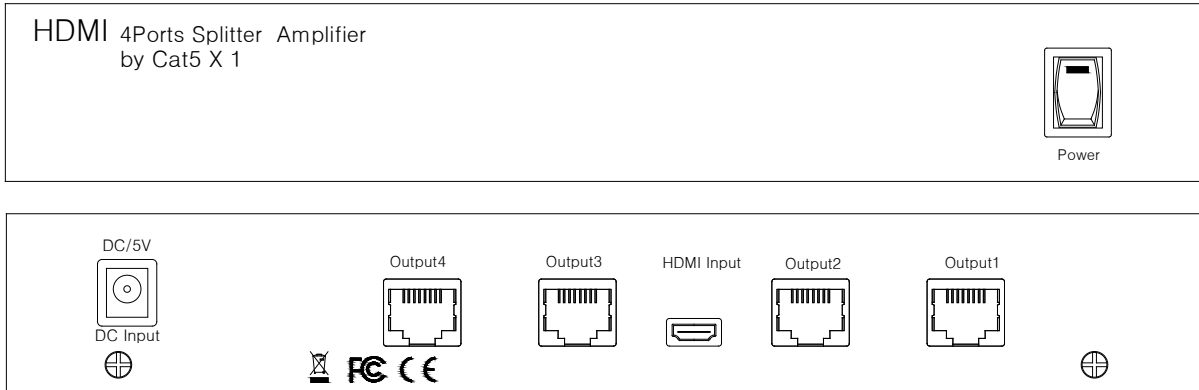
Packaging of Main Unit
1) HDMI 4 Ports Splitter Amplifier
2) 5V DC@ 3A Power Supply
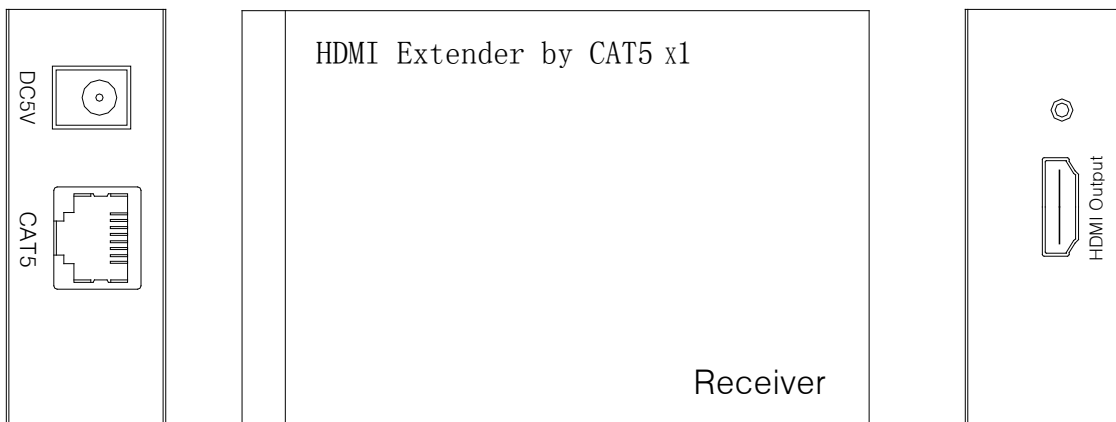3) Users Manual

Packaging of Accessories
1) Four Receivers
2) Four pieces of 5V DC@ 2A Power Supply

4.0 PANEL DESCRIPTIONS

HDMI 4 Port Splitter Amplifier by Cat5 x1

HDMI 4Ports Splitter Amplifier by Cat5 X 1

Power

DC/5V

DC Input

Output4   Output3   HDMI Input   Output2   Output1

Receiver

DC5V

CAT5

HDMI Extender by CAT5 x1

Receiver

HDMI Output

5.0 CONNECTION AND OPERATION

1) Connect the single HDMI source (such as HD-DVD, PS3, STB) to the main HDMI input using a piece of HDMI cable.
2) Connect each piece of CAT-5e/6 cable to both of the output of the HDMI 4 Ports Splitter Amplifier and input of the Receiver.
3) Connect outputs of Receivers to displays (such as HD-LCD, HD-DLP)
   Plug the 5V@3A power supply into the HDMI 4 Ports Splitter Amplifier and the 5V@2A power suppliers to each Receiver individually.

5.1 CONNECTION DIAGRAM

HDMI 4 Ports Splitter Amplifier by Cat5 x 1