SPECIFICATION

Input Port	4xHDMI(Female connector), 1xIR Channel
Output Port	2xHDMI(Female connector)
Bandwidth	6.75Gbps
Output Resolution	480i~1080P@50/60,1080P@24/50/60, 2160P@24/30, VGA~UXGA
Operating Temperature	-15℃~55℃/5℉~131℉
Deep Color	36bit
Case	Metal Case
Dimension	275mm(L)x150mm(W)x30mm(H)
Weight	1089g
Power Supply	DC 12V2A

SAFETY PRECAUTIONS

Please read the following safety precautions carefully before you unpack and install the equipment.

CAUTION: Do not use this product for any purpose not explicitly specified in this manual. Improper installation may cause property damage or personal injury. If you do not understand these directions, or have doubts about the safety of the installation, contact the customer service or call a qualified contractor.

1. Do not expose the unit to rain, moisture or any other dripping liquids. Keep it away from any wet location such as fishing tanks, vases.
2. Do not install the unit close to fire or any other heat sources.
3. Keep the unit in dry and ventilated area.
4. Stop using the unit during thunder or lightening storms.
5. Avoid the power cable being stepped on or pinched. Position the unit carefully to avoid damage or accident.
6. Clean the unit only with dry cloth.
7. Only use accessories specified by the manufacturer.
8. Unplug the equipment when unused for a long period of time.
9. Do not try to open any non-serviceable parts. Contact your authorized servicing center and personnel.

Keep Away from Heat   Keep Dry   Danger Electric Shock Risk

Full 3D Pass-through
Support IR Extention
Ultra HD 4K X 2K

4x2 HDMI Matrix
User Manual

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

INTRODUCTION

The 4x2 HDMI Matrix allows you to switch HDMI signals between four sources and two displays. Any or all of the 4 inputs can simultaneously be switched to any or all of the 2 outputs. Furthermore, the IR extension function enables you to control HDMI matrix and source devices from remote TV/monitor location. The matrix is compatible with HDMI 1.4V, 3D and 4Kx2K ultra HD.
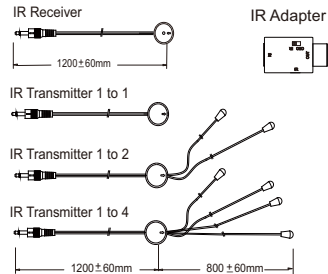
PACKAGE CONTENTS

•1 x HDMI Matrix Unit
•1 x Remote Control
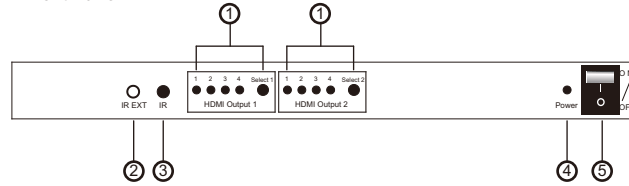•1 x 12V2A Power Adapter
•1 x User Manual

FEATURES

•Support full 3D pass-through
•Support 4K x 2K high resolution
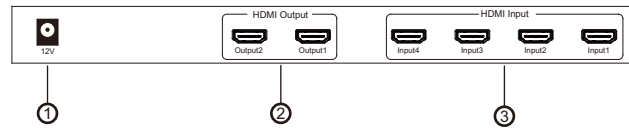•Support IR extension
•HDCP 1.3

Optional IR extenstion components

IR Receiver

IR Adapter

1200±60mm

IR Transmitter 1 to 1

IR Transmitter 1 to 2

IR Transmitter 1 to 4
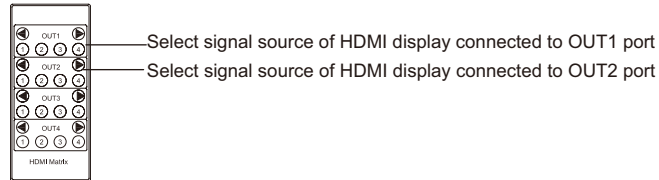
1200±60mm   800±60mm

PANEL DESCRIPTION

Front Panel

① HDMI INPUT LED AND SELECTION BUTTON
② IR EXT OUTPUT
③ BUILT-IN IR
④ POWER LED
⑤ POWER SWITCH BUTTON

Rear Panel

① POWER SUPPLY INPUT
② HDMI OUTPUT
③ HDMI INPUT

Remote control to select source device

Select signal source of HDMI display connected to OUT1 port
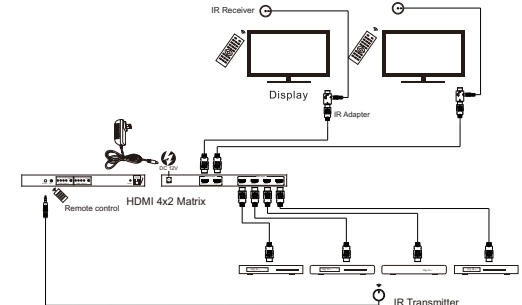Select signal source of HDMI display connected to OUT2 port

INSTRUCTION

Without IR extension; When display, HDMI matrix and source devices are closely located such as in one room
1. Connect HDMI input ports to the HD signal source devices such as Set-top box, Blue Ray player, Game console, etc.
2. Connect HDMI output port to HDMI display.
3. You can select HDMI input port using supplied Remote by pointing to the built-in IR sensor on the HDMI matrix.

With IR extension; If you need to extend IR signal from remote display. (You need to separately purchase IR adapter, IR receiver and IR transmitter)
1. Connect HDMI input ports to the HD signal source devices such as Set-top box, Blue Ray player, Game console, etc.
2. Connect IR adapter to HDMI display.
3. Connect HDMI output port to IR adapter
4. Connect IR receiver to IR adapter
5. Connect IR transmitter to HDMI matrix
   Make sure IR transmitter faces the devices you want to control including the HDMI matrix
6. You can control HDMI matrix and source devices using respective remote control by pointing to the IR receiver located at remote display.

CONNECTION DIAGRAM WITH IR EXTENSION

*IR Adapter, IR Receiver, IR Transmitter sold seperately