

1080p to 4K2K Scaler with Audio Extraction Operating Instruction

Notice

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute the warranty of any kind, express or implied.

Introduction

This HDMI Scaler is designed to Scale one HDMI(1080P@24/30Hz) input with HDCP to one HDMI output up to 4Kx2K Ultra HD . The device features a single HDMI input and a single HDMI output with digital audio output.It supports two output modes, a 'Bypass' output which maintains the original resolution of the source signal or a 'Scaled' output. It is an ideal solution for upgrade data source from 1080P to 4k Ultra HD(3840x2160).

Features

- Supports maximum distance from source to sink up to 15m @ 4Kx2K/30Hz resolution, or 20 meters at 4Kx2K/24Hz resolution
- Supports Deep color up to 36-bit color at 1080p 60Hz
- Supports audio extraction (optical audio output)
- Supports PCM , Dolby Digital™, and DTS Digital Surround™ ®
- CEC pass-through
- HDCP compliant
- With mounting ears

Specifications

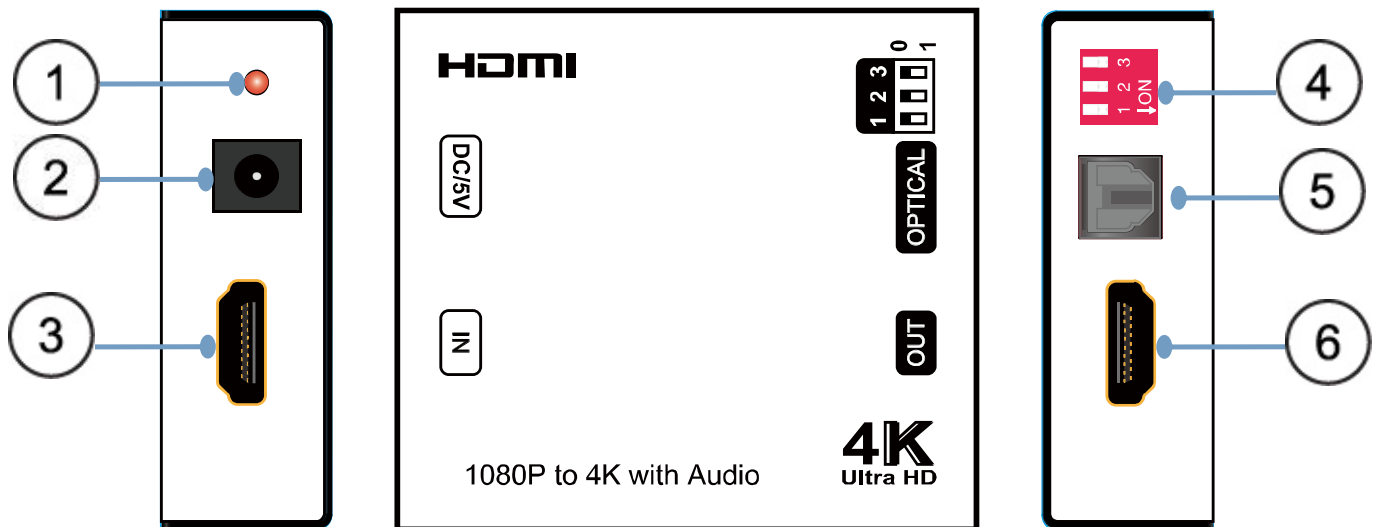
Operating Temperature Range	-5 to +35 °C(+23 to +95 °C)
Operating Humidity Range	5 to 90%RH (No Condensation)
Bandwidth frequency	10.2Gbps
Input port	1x HDMI (female)
Output port	1x HDMI (female) 1x Optical audio output
Resolution outputs	up to 4K x 2K (3840 x 2160 @ 30Hz)
Dimensions (LxWxH)	72x65x21.5mm
Power consumption	1.5W(MAX)
Transmission Distance	20m(Maximum)over standard HDMI cable/26AWG
Net Weight	145g

Note: Specifications are subject to change without notice. Mass and dimensions are approximate.

Package Contents

- HDMI scaler
- 5V DC power adaptor
- User Manual

Panel Description

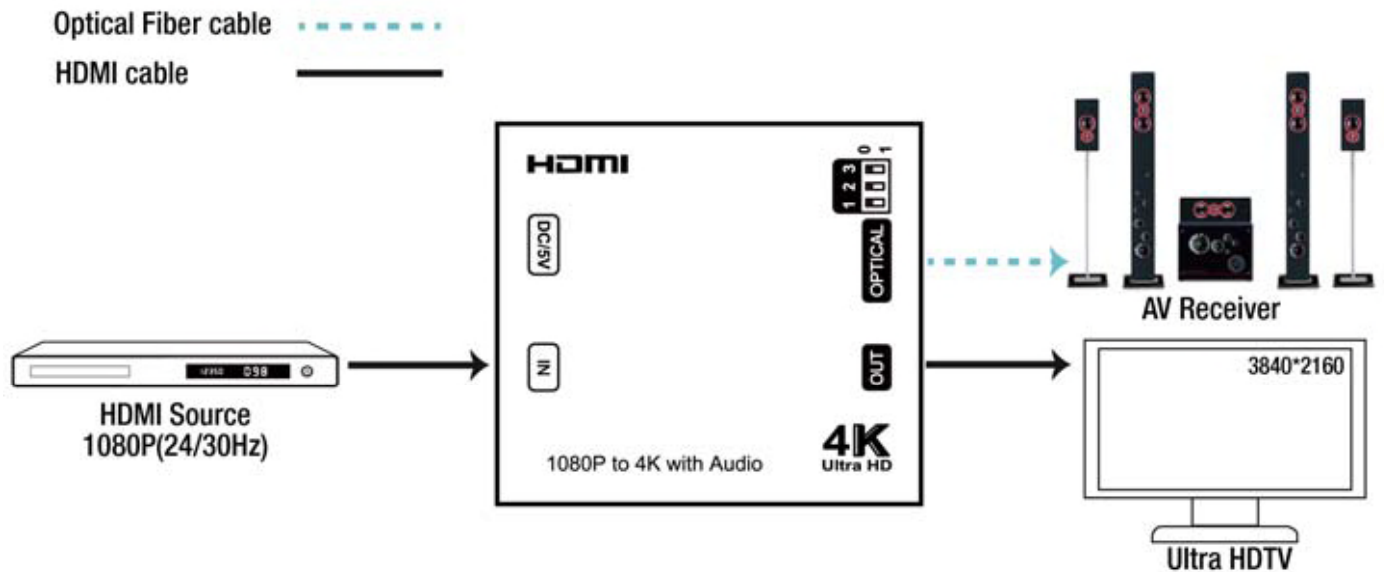


- ① Indicator of HDMI output
- ② Power input
- ③ HDMI input port
- ④ DIP switch
- ⑤ Audio out: Optical
- ⑥ HDMI output port

Switch for EDID setting.

Position ID			Function
1	2	3	
0	0	0	1080P 3D pass-through
0	0	1	1080P 3D 2.0CH PCM
0	1	0	1080P 3D 5.1CH support AC3,DTS audio output
0	1	1	Reserved
1	0	0	Reserved
1	0	1	Reserved
1	1	0	Reserved
1	1	1	Upscale 1080P@24/30Hz to 4kx2k(3840*2160)

Connection Diagram



Connecting and Operating

1. Ensure the scaler is disconnected from power.
2. Connect source to the scaler HDMI input and sink to HDMI output using HDMI high speed cable.
3. Connect the digital audio output port to the input port of your digital audio equipment such as amplifier, or receiver, using Optical Fiber cable.
4. Connect 5VDC power to the scaler.

Attention: Insert/Extract cable gently

Safety information

safeguards



To reduce the risk of electric shock, do not expose this product to rain or moisture