

Pro.2



1080p to 4K2K Scaler with Audio Extraction Operating Instruction SC4K2K

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 form source to sink up to 15m @ 4Kx2K/30Hzt 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™ ®
- Full 300MHz HDMI receiver and HDMI transmitter
- HDMI Input port is compliant with MHL2.0 specification
- CEC pass-through
- Support HDCP

Specifications

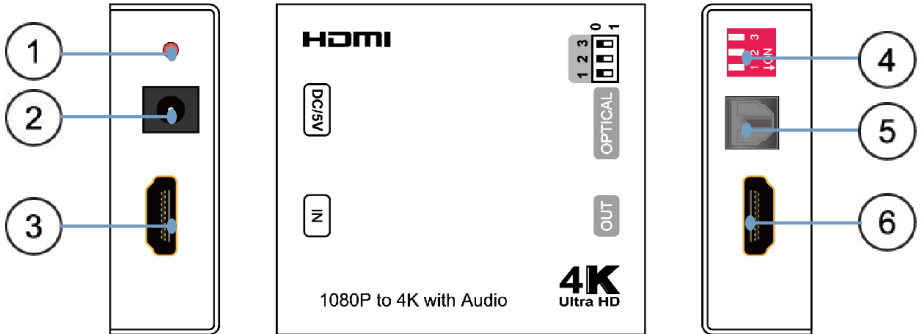
Operating Temperature Range	-5 to +35°C (+23 to +95°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Bandwidth frequency	10.2Gbps
Input ports	1x HDMI (female)
Output port	1x HDMI (female) 1x Optical audio output
Resolution outputs	up to 4K x 2K (3840 x 2160 @ 30Hz)
Dimensions (LxWxH)	72x65x21.5mm
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

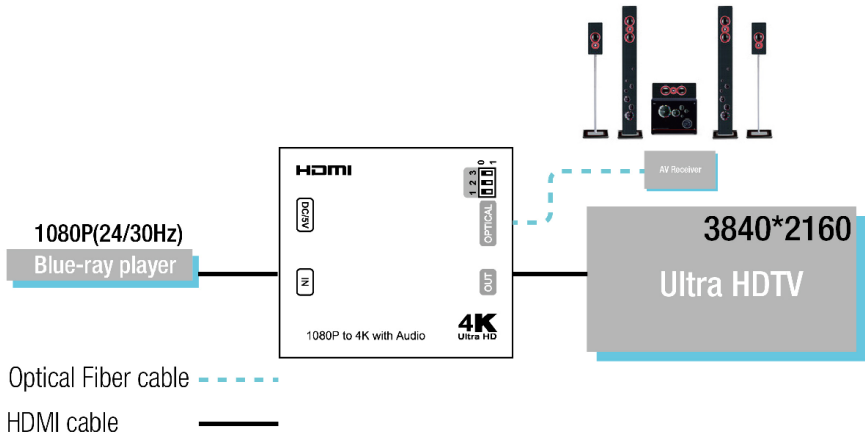


- ① Indicator of HDMI output
- ② Power input
- ③ HDMI input port
- ④ DIP switch
- ⑤ Audio out: Optical
- ⑥ HDMI output port

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



CUSTOMER CARE CENTRE



- 1 THIS PRODUCT IS WARRANTED FOR 12 MONTHS FROM THE DATE OF PURCHASE.**
Subject to the conditions of this warranty, the Customer Care Centre will perform necessary service on the product without charge for parts, or labour if, in the opinion of the manufacturer/ manufacturer's agent, the product is found to be faulty within the warranty period.
- 2** This warranty only applies if the product has been installed and used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care. The warranty covers normal domestic use only and does not cover damage, malfunction or failure resulting from use of incorrect voltage, accident, misuse, neglect, build-up of dirt or dust, abuse, mis-adjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
- 3** If warranty service is required you should:
 - Telephone the Customer Care Centre on 1300 662 946
 - Provide a copy of your purchase receipt that shows retailer's identity and date of purchase.
 - Send or bring the product to your Customer Care Centre.
Please note that freight to and/or from your Customer Care Centre must be arranged by you.
- 4** The warranties hereby conferred do not extend to any costs associated with the delivery, handling, freighting or transportation of the product or any part thereof or replacement of and do not extend to any damage or loss occurring during, or associated with transit.

**THIS WARRANTY CARD AND THE PURCHASE DOCKET
(OR SIMILAR PROOF OF PURCHASE)
SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES**

**TROUBLE SHOOTING HELP LINE
1300 662 946**

Customer Care Centre
562 Spencer Street, West Melbourne
VICTORIA 3003

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This advice does not limit, override or later your guaranteed rights under the Australian Consumer Law, including remedies for any failure of the Consumer Guarantees, which may include repair or replacement or it a Major Failure (as defined under the Australian Consumer Law) a replacement or refund. These guaranteed rights cannot be varied by Wintal or retailers of its products and have no set time limit.