

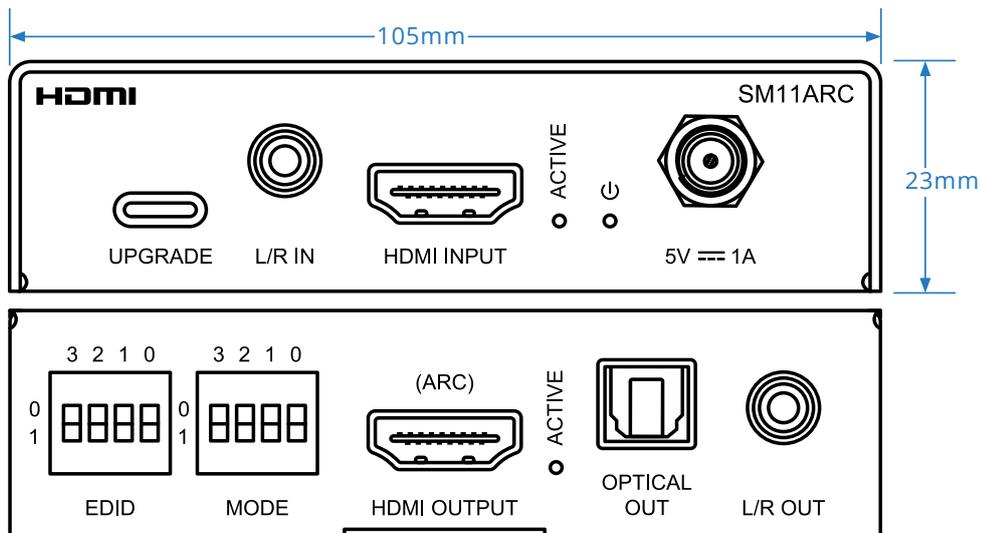
## Advanced HDMI 2.0 HDCP 2.3 Signal Manager with ARC Audio De-Embedder / Embedder

### Description

The SM11ARC HDMI 2.0 Signal Manager is engineered to resolve common HDMI distribution issues such as compatibility conflicts, HDCP 2.3, handshaking, clock stretching, and general EDID problems, especially when working with 4K content.

Fully compliant with HDMI 2.0 and HDCP 2.3 standards, the SM11ARC supports video resolutions up to 4K @ 60Hz 4:4:4, including formats with HDR.

Building on the functionality of its predecessor (the SM11), the SM11ARC adds advanced audio features. Allowing audio embedding onto the HDMI output, replacing the original HDMI audio where required. Audio can also be de-embedded from the HDMI signal via optical S/PDIF or a 3.5mm analogue output. Additionally, it supports audio extraction (up to 5.1 channels) from a HDMI ARC-capable display connected to the HDMI output, via the S/PDIF port.



### Key Features

- Can help to solve most HDMI EDID, HDCP, compatibility and handshaking issues
  - Supports full HDMI 2.0 specification 4K UHD video (4K @60Hz 4:4:4)
  - HDCP 2.3 support
  - Supports industry standard video resolutions including VGA-WUXGA and 480i-4K 60Hz
  - Supports bitstream passthrough of multichannel surround sound including object-based audio formats in line with HDMI specifications
  - Can be configured to work as either a HDMI audio de-embedder or an audio embedder
  - HDMI audio de-embedded to both analogue L/R audio and optical digital outputs concurrently (analogue audio supports 2ch PCM only)
  - Embed analogue L/R 2ch audio input onto HDMI output
  - Extract HDMI ARC audio via optical S/PDIF from a connected ARC capable display (5.1ch maximum)
  - Extract audio with or without an actual display connected (SM11ARC acts as the HDMI end-point)
  - Supports CEC bypass (Consumer Electronics Control)\*
- \*CEC passthrough active when ARC passthrough is enabled

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## Connectivity

- Video input connectors: 1 x HDMI Type A, 19-pin, female
- Video output connectors: 1 x HDMI Type A, 19-pin, female, HDMI ARC capable
- Audio input connectors: 1 x analogue left/right audio (3.5mm stereo jack)
- Audio output connectors: 1 x Optical Toslink (S/PDIF) & 1x analogue left/right audio (3.5mm stereo jack)
- Power Supply: 5V/1A DC

## Included Accessories

- 1 x SM11ARC
- 1 x 5V/1A DC power supply
- 1 x Mounting Kit
- 1 x Quick Reference Card

## Specifications

- Casing dimensions (W x H x D): 105mm x 23mm x 88mm
- Dimensions including connections (W x H x D): 114mm x 23mm x 87mm
- Shipping weight: 0.6kg
- Operating temperature: 32°F to 104°F (0°C to 40°C)
- Storage Temperature: -4°F to 140°F (-20°C to 60°C)

## Regulatory Compliance



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