



4K Multi-Format Cross Converter



OMCC

Ophit's **OMCC** is a lightweight and compact 4K multi-format cross converter. It converts HDMI or DisplayPort into SDI 12G, 6G, and 3G signals, transmitting high-definition video through the SDI bypass port connection without compromising video signal quality.

The OMCC also converts DisplayPort and SDI signals into HDMI, producing 4K@60Hz resolution for vibrant images. Moreover, the OMCC can select the input video format using the tactile (push-button) switch and the output video format using the SDI (right) / HDMI (left) switch. This feature is compatible with professional broadcast equipment, allowing simple integration into existing installations.

Features

- Maximum resolution up to 4K@60Hz
- Convert HDMI or DisplayPort to SDI format in 12G, 6G, 3G, and HD
- DisplayPort input and SDI input can be converted to HDMI output
- Supports SDI input / output Level A
- Select the input video format using the tactile (push-button) switch
- Select the output video format using the SDI (right) / HDMI (left) switch
- Supports firmware updates via USB port
- 12G-SDI output automatically detects the input video rate and matches the SDI output with YCbCr 4:2:2-10bit video rate

Specification

Input Signal / Connector

1 x HDMI (Type A Female Connector)
1 x DisplayPort (20pin Female Connector)
1 x SDI (BNC Female Connector)

Output Signal / Connector

1 x HDMI (Type A Female Connector)
1 x SDI (BNC Female Connector)

Video Resolution

Up to 4K@60Hz

USB Connector

1 x Mini USB-B (Female Connector)

Weight

480g (1.05 lbs)

Dimensions (mm)

103 x 109 x 26mm (W x D x H)

Power Supply

1 x Ext Power Adapter (DC +12V)

Package

- OMCC
- Power Adapter 1ea (DC +12V)
- User's manual

OPHIT CO., LTD.