

PRODUCT CODE

XA-HDCP

ONE LINE DESCRIPTION

HDCP & Colour Bandwidth Converter (4K, HDMI2.0)

EXTRA ONE LINE DESCRIPTION

Convert HDCP2.2 signals to lower HDCP formats

The XA-HDCP is designed to enable installers to manage HDCP (High-Bandwidth Definition Content Protection) signals. Since the introduction of HDCP2.2, which is not backwards compatible with previous versions, installers face the challenge of managing copy protected content to allow AV signals to be integrated into any AV system. This device converts HDCP2.2 signals to a lower HDCP format enabling AV content to be easily integrated into a system which uses non-HDCP2.2 compliant devices, thus eliminating the need to upgrade all devices in the signal path to be HDCP2.2 compliant.

In addition to converting HDCP signals, the XA-HDCP can also analyse the content bandwidth, HDCP, EDID and Colourspace status of the inputted signal. Further features include the ability to upload EDID settings to a PC application which allows the user to create alternative EDID settings for specific applications. In addition, the XA-HDCP also acts as a HDMI repeater which equalises and recovers TMDS data before re-transmitting, thus ensuring optimal quality regardless of the incoming signal. This equalisation and repeater function enables the HDMI cable distance to be extended 5m from the output at full 4K (6G) resolution.

Control is via the direct selection keys, which allow easy switching between modes, and status LED's provide 'at-a-glance' viewing of the device status.

Features

- HDMI 2.0, HDCP 2.2, HDCP1.4 and DVI compliant
- Supports input source and output display signal analysis up to 6G 4K2K
- Supports bandwidth down converting from 6G to 3G
- Supports EDID signal management from internal, external, and user's EDID to be inserted
- Supports application control via USB
- Supports LED status display
- Supports USB firmware update

Specification

Inputs	1x HDMI [1x HDMI 2.0 Uncompressed AV and Data] 1x USB Mini B [1x Service Port - Propriety Data]
Outputs	1x HDMI [1x HDMI 2.0 Uncompressed AV and Data]
PSU:	5V/2.6A
Dimensions	51mm [W] x 98mm [D] x 22mm [H]
Net Weight	70g
Gross Weight	450g