Datasheet

AVBrinX-SC55 | HDCI to HDMI and RS232 Converter



Key features

- Signal Conversion: Converts HDCI to HDMI and RS232 outputs.
- Resolution Support: Up to 1080P at 60Hz.
- Color Formats: RGB444, YUV444, YUV422, x.v.Extended.
- Durable Construction: Designed for professional environments.

Product Overview

The Macsys AVBrinX-SC55 is a high-performance signal converter engineered to seamlessly bridge HDCI (High-Definition Camera Interface) inputs to HDMI and RS232 outputs. Designed specifically for professional video conferencing setups, including Polycom Eagle Eye cameras, this converter ensures optimal signal integrity and compatibility.

With the ability to simultaneously output HDMI and RS232 signals, it provides versatile connectivity for multiple devices. Supporting resolutions up to 1080P at 60Hz, the AVBrinX-SC55 delivers crisp, high-definition video. Its broad color format support, including RGB444, YUV444, YUV422, and x.v.Extended, guarantees rich, accurate colors.

Compact and durable, measuring 102mm x 25mm x 79mm, it fits easily into existing setups without taking up much space, while its robust build ensures reliability for both fixed and mobile professional installations. Ideal for enterprises, educational institutions, and government environments, the Macsys AVBrinX-SC55 enhances the overall video conferencing experience with consistent, high-quality signal conversion.

Technical Specification

Feature	Details
Signal Input	HDCI
Signal Outputs	HDMI, RS232
Resolution	Up to 1080P at 60Hz
Color Formats	Support RGB444, YUV444, YUV422 x.v extended color gamut standards
HDMI Protocol	HDMI 1.4
Resolution Compatibility	26 common resolution outputs below 1080P@60Hz (fixed)
Dimensions	102mm x 25mm x 79mm
Certifications	CE, RoHS compliance

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