Datasheet

# AVBRINX-SE70-T/R | Universal HSDA Extender Over Ethernet Cable







## Key features

- Single CAT6 cable transmission up to 70 meters for efficient AV connectivity.
- Supports HDMI 1.3a, DVI 1.0, HDCP via HDBaseT for secure, high-quality signal transport.
- Auto-detection of CVBS, YPbPr, VGA, HDMI, DVI signals & 3.5mm stereo for versatile input/output.
- Compatible with RGB444, YUV444, YUV422 extended color spaces for vivid visuals.
- Max resolution support: 1080P3D@60Hz; receiver supports 26 common resolutions below 1080P@60Hz.

## Product Overview

The Macsys AVBRINX-SE70-T/R Universal HSDA Extender is a high-performance professional solution designed for seamless audio and video transmission over Ethernet networks, offering reliable connectivity up to 70 meters on a single CAT6 cable. Engineered for conference rooms, digital podiums, and boardroom AV integration, this extender recognizes a variety of analog and digital signal formats, including CVBS, YPbPr, VGA, HDMI, and DVI, ensuring ultimate flexibility and compatibility for modern corporate environments. With advanced HDBaseT interface support and superior color space handling, it delivers crisp, high-resolution video and synchronized audio, making it an ideal choice for high-stakes business presentations and AV installations. Its ultra-efficient transmission protocol, broad resolution support, and robust build quality set a new benchmark in universal AV network transmission devices.

## Technical Specification

| Feature | Details |
|---|---|
| Model | AVBRINX-SE70-T |
| Function | Transmitter – Input side |
| Input Type | CVBS, YPbPr, VGA, HDMI, DVI signals |
| Audio Input | 3.5 mm stereo analog input |
| Signal Recognition | Automatic recognition of input signals |
| Transmission Distance | Single CAT6 cable transmits up to 70 m |
| Audio/Video Sync | Synchronized audio and video transmission |
| Protocol Support | HDMI 1.3a |
| Protocol Support | DVI 1.0 |
| HDCP Compliance | Supported via HDBaseT interface technology |
| Color Space Support | RGB444, YUV444, YUV422 x.v extended color gamut standard |
| Maximum Resolution | 1080P 3D @ 60Hz |
| Model | AVBRINX-SE70-R |
| Output Type | CVBS, YPbPr, VGA, HDMI, DVI signals |
| Audio Output | 3.5 mm stereo analog output |
| Signal Recognition | Automatic recognition of output signals |
| Transmission Distance | Single CAT6 cable transmits up to 70 m |
| Audio/Video Sync | Synchronized audio and video transmission |
| Protocol Support | HDMI 1.3a |
| Protocol Support | DVI 1.0 |
| HDCP Compliance | Supported via HDBaseT interface technology |
| Color Space Support | RGB444, YUV444, YUV422 x.v extended color gamut standard |
| Output Resolution | Can fix 26 kinds of common resolution output below 1080P @ 60Hz |
| Certifications | CE, RoHS compliance |



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