Datasheet

AVBRINX-NSE30-T | HDBaseT Network Extender with HDMI, VGA, Audio Signal Table Mount



Key features

- Supports HDMI, VGA, and audio signal input with HDbaseT output over a single cable
- Long-distance transmission capability up to 70 meters
- Supports multiple color spaces: RGB444, YUV444, YUV422, and extended color gamut (x.v.Color)
- Supports high-definition resolutions 1080P@60Hz, 1080i@60Hz, 720p@60Hz, and 1920x1200 (VESA)
- Bandwidth capacity of 10.2 Gbps for high-quality HD signal transmission
- Plug and play operation with picture quality and color depth adjustments
- Industrial-grade design for stable, 24/7 continuous operation
- Compact and stylish table-mount design suitable for desktop use

Product Overview

The Macsys AVBRINX-NSE30-T is a sleek, table-mountable HDbaseT network extender designed to seamlessly transmit HDMI, VGA, and audio signals over a single network cable up to 70 meters. This advanced desktop device integrates cutting-edge audio and video transmission technology, ensuring high-quality and stable signal transfer. Ideal for conference rooms and professional AV setups, it delivers superior image clarity with support for multiple color spaces including RGB444, YUV444, and YUV422, along with x.v.Color extended gamut. The unit boasts plug-and-play ease, with features such as picture quality adjustment and 20-level reproduction rate scaling, making it a versatile and user-friendly solution for any AV environment. Industrial-grade design supports continuous 24/7 operation, emphasizing durability and reliability as a unique selling point.

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Technical Specification

Feature	Details
Item Name	HDbaseT Network Extender with HDMI, VGA, Audio signal Table mount
Signal Input	HDMI, VGA, Audio
Signal Output	HDBaseT
Supported Resolution	640x480@60Hz to 1920x1200@60Hz (VESA format), 480i to 1080p (HDTV format)
Transmission Distance	Up to 70 meters
Bandwidth	10.2 Gbps
Color Spaces Supported	RGB444, YUV444, YUV422, x.v.Color extended color gamut
Reproduction Rate	20-level scaling adjustment
Control	Button controls
Indicator	LED indicator
Plug & Play	Yes
Power Over Cable (POC)	Supported
Input Voltage	DC 12V
Electrostatic Protection	Human body discharge ±8kV (air gap), ±4 kV (contact discharge)
Operating Temperature	-10°C to 50°C
Storage Temperature	-25°C to 55°C
Dimensions (mm)	160 x 155 x 92 (Width x Height x Depth)
Hole Size (mm)	φ150
Weight	2.8 kg
Power Consumption	10W
Design	Industrial grade, stable operation 7*24 hours
Certifications	CE, RoHS compliance

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