



DESCRIPTION

The ALF-MUH88E 18 Gbps 8x8 HDBaseT (492 ft / 150M) Matrix can connect 8 HDMI sources to 16 displays. It features 8 HDMI outputs, and each HDMI output is mirrored to provide a CAT Cable output which runs simultaneously. The HDBaseT output can extend video transmission up to 492ft / 150m (1080p) via a single Cat 6/7 cable. The product supports video resolution up to 4K2K@60Hz 4:4:4 with a distance up to 328ft / 100m. Audio de-embedded to analog and coaxial audio is supported. Each HDMI output supports 4K2K to 1080P downscaled independently. The product supports IR matrix. The IR signal is one-to-one control at the Matrix end, but the IR signal follows HDMI video channel at the HDBaseT Receiver end. The product provides an intuitive set of front panel buttons with OLED screen, and supports control via front panel buttons, IR remote, RS-232, LAN, and Web GUI.

FEATURES

- HDMI 2.0b, HDCP 2.2 and HDCP 1.4 compliant
- Video resolution up to 4K2K@60Hz (YUV 4:4:4) on all HDMI and HDBaseT ports
- 8 HDMI inputs, 8 HDMI and HDBaseT mirrored outputs
- HDMI ports transmit 18Gbps lossless uncompressed video bandwidth
- Supports 18Gbps lossless compressed HDBaseT signal transmission
- Support 4K->1080P Downscaling for each output port
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- HDR, HDR10, HDR10+, and HLG are supported
- HDBaseT output can extend video transmission a distance up to 492ft / 150m for 1080p or 328ft / 100m for 4K2 via a single CAT 6/7 cable
- DMI audio pass-through up to 7.1CH HD audio (LPCM, TrueHD, and DTS-HD Master Audio)
- Supports IR matrix
- Audio de-embedded is supported via analog and coax ports
- Advanced EDID management and CEC control are supported
- 24V POC on all HDBaseT ports
- 2U rack mounted design with front panel OLED display
- Control via front panel buttons, IR remote, RS-232, LAN, and Web GUI

