



DESCRIPTION

The Alfatron MUH88-TP-N matrix is an eight input by eight output HDBaseT and HDMI matrix with HDCP 2.2 and supports video up to 4K/UHD@60Hz. It transmits 4K video distances of up to 131 feet (40 meters) and 1080p video distances of up to 230 feet (70 meters) over a single CAT 6 Ethernet cable. The eight HDBaseT outputs support the 24V Power over Cable (PoC) feature, allowing the receivers to draw their power from the matrix over the HDBaseT cable.

The matrix switcher features comprehensive EDID management and advanced HDCP handling to ensure maximum functionality with a wide range of video sources. The matrix switcher not only supports bi-directional IR, and RS232 extension but also has IR, RS232, and TCP/IP control options.

The product provides performance in control and transmission, which could be used in several different installation scenarios, for example, with computers, for monitoring purposes, large screen displays, conference systems, television education, bank security institutions, etc.

FEATURES

- ALF-MUH88TP-N 8x8 HDBaseT matrix switcher with audio matrix.
- Fully compliant with HDMI 2.0 and HDCP 2.2
- Supports HDMI resolution up to 4K@60Hz 4:4:4, HDR10
- Features eight mirrored HDMI and HDBaseT outputs, the eight HDMI outputs support 4K to 1080p down scaling
- The eight HDBaseT outputs support 24V PoC, allowing the receivers to draw their power from the matrix switcher over the HDBaseT cable
- Transmits 4K signal to the distance up to 131 feet (40 meters) and 1080p signal to the distance up to 230 feet (70 meters) over a single CAT 6 Ethernet cable
- Supports audio matrix. Provides eight digital SPDIF audio outputs and eight analog L+R audio outputs for HDMI input audio de-embedding and HDBaseT output audio de-embedding. Moreover, the eight digital SPDIF audio outputs support ARC audio output from receivers
- Volume adjustment for analog L+R audio outputs
- Supports comprehensive EDID management and advanced HDCP handling
- Controllable via front panel buttons, RS232 local and pass through, IR local and pass through, CEC, and TCP/IP (built in GUI)
- Includes 8x IR Remote Controls

