

## Architectural Specification for the Intelix HDMI-2X8 Distribution Amplifier

The unit shall be a distribution amplifier with one HDMI input, one DVI input, one digital audio optical input, one digital audio SPDIF input, and eight HDMI outputs. The vertical frequency range shall be 60 Hz. The output video shall be HDMI/HDCP 1.0/1.1. The maximum single link range shall be 1280 x 1024, 1080p. The input DDC signal and video signal shall be 5 Vp-p (TTL) and 0.5-1.0Vp-p, respectively. The video amplifier bandwidth shall be 140 MHz. The input connectors shall be one HDMI type A connector, one DVI-D connector, one SPDIF connector and one optical connector. The output connectors shall be eight HDMI type A connectors. The unit shall support 480i, 480p, 720p, 1080i, and 1080p resolutions. The dimensions of the unit shall be 17.38" x 8.00" x 2.13". The unit shall support front panel switching. The unit shall be rack-mountable. The unit shall be linkable and enclosed in black metal. The unit shall be RoHS and CE compliant. The unit shall include one 12 VDC power supply and two 19" rack mounting ears. The unit shall be an Intelix HDMI-2X8 high-definition distribution amplifier.