

Architectural Specification for the Intelix DIGI-DVIT4R-F DVI Distribution System

The unit shall be a system that transmits high-definition 1920 x 1080 resolution DVI-D signals up to 220 feet using a single shielded Cat 6 cable. The input DDC signal shall be 5 Vpp (TTL). The input video signal shall be 1.2 Vpp. The video amplifier bandwidth shall be 1.65 Gbps. The send unit connectors shall be one type DVI-D input connector, one DVI-D local monitor output connector, and four shielded RJ45 output connectors. The receive unit connectors shall be one DVI-D output connector and one RJ45 input connector. The unit shall be powered on both the send and receive ends. The power supply shall be an external 5 VDC. The dimension of the send unit shall be 5.00" x 3.75" x .88" and the receive unit shall be 3.50" x 2.88" x .88". The enclosure shall be metal. The unit shall include one quad output send balun, one receive balun, and two power supplies. This unit shall be an Intelix DIGI-DVIT4R-F DVI over Cat 6 distribution system.