

Architectural Specification for the Intelix DIGI-DVIT2R-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 and video signal shall be 5 Vp-p and 1.2 Vp-p, respectively. The 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 two shielded RJ45 output connectors. The receive unit connectors shall have 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 is 5.00" x 3.75" x 0.88". The dimension of the receive unit shall be 3.50" x 2.88" x 0.88". The enclosure shall be metal. The unit shall be CE and RoHS compliant. The unit shall include one dual output send balun, one receive balun, and two power suppliers. The unit shall be an Intelix DIGI-DVIT2R-F DVI over Cat 6 distribution system.