

# CR-uSF DVI 200T-D

## DVI/FIBER Transmitter



CR-uSF DVI 200T-D

### Product overview

CR-uSF DVI 200T-D, a 4K fiber transmitter, is a new generation of audio, video and control signal transmitter which was updated on the basis of the previous digital transmitter. Using the advanced optical transmission technology, the maximum transmission distance can reach 1km, the maximum resolution can reach 1920\*1080P, and the serial transmission of KVM and any baud rate can be supported on the basis of single fiber transmission medium.

It is widely used in panel display and large videowall display, advertising project, automatic industrial control, medical equipment, security monitoring and multi-media education and other fields.

### Features

- Support DVI 1.0;
- Support analog audio input ;
- Support bi-directional RS-232 KVM transmission;
- Support simultaneous transmission of video, audio and RS-232, with DVI loopout.

### Specifications

| The parameter name                     | CR-uSF DVI 200T-D            |
|--|------------------------------|
| Supported protocols                    | DVI1.0                       |
| PIXEL bandwidth                        | 165MHz , full digital        |
| Interface bandwidth                    | more than 6.75Gbps           |
| Maximum supported resolution           | 1920*1080@60HZ               |
| Signal type                            | T.M.D.S. full digital signal |
| Interface                              | DVI-D interface              |
| Signal strength                        | T.M.D.S. +/- 0.4Vpp          |
| Max/Min level                          | T.M.D.S. 2.9V/3.3V           |
| Impedance                              | 100Ω                         |
| Audio input                            | 3.5mm stereo audio           |
| The recommended maximum input distance | Less than 7 meters           |

DVI video input and loopout

### Specifications

| The parameter name        | CR-uSF DVI 200T-D |
|---------------------------|-------------------|
| Serial port               | RS-232            |
| Baud rate                 | 110-115200bps     |
| KVM control               | USB port          |
| Output interface          | Fiber interface   |
| Maximum distance          | 1 KM              |
| Power                     | DC 12V/1.5A       |
| Maximum power dissipation | 3W                |

### System diagram

