

CR-uSF DP 200T-D-4K

DP/FIBER Transmitter



CR-uSF DP 200T-D-4K

Product overview

CR-uSF DP 200T-D-4K, 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 4K x 2K, and the serial transmission of KVM and any baud rate can be supported on the basis of single fiber transmission medium.

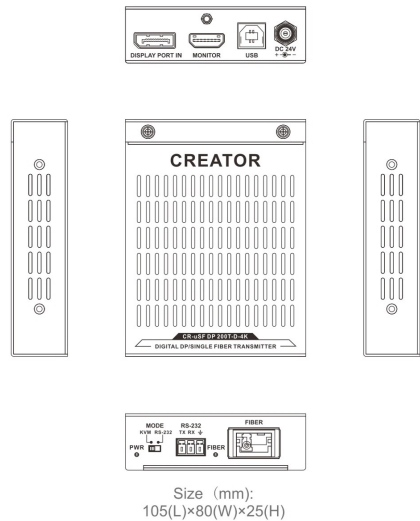
It is widely used in panel display and large videowall display, advertising project, automatic industrial control, medical equipment, security monitoring and multi-media education and other fields.

Features

- Support DP1.1;
- Digital audio embedded with DP input;
- Support bi-directional RS-232, KVM transmission;
- Support simultaneous transmission of video, audio and RS-232, HDMI loopout.

Specifications

The parameter name	CR-uSF DP 200T-D-4K
Supported protocols	DP 1.1
PIXEL bandwidth	300MHz, full digital
Interface bandwidth	more than 12Gbps
Maximum supported resolution	Normal PC: 4K x 2K HDPC: 4K x 2K HDTV: 4K x 2K
Signal type	DP1.1 / T.M.D.S. full digital sinal
Interface	DP interface
Sinal strength	T.M.D.S. +/- 0.4Vpp
Min/Max level	T.M.D.S. 2.9V/3.3V
Impedance	100Ω
Audio input	DP embedded with audio input
The recommended maximum input distance	Less than 7 meters. in the 4Kx2K(recommended using the certified DP special wire, such as Molex TM wire)



Specifications

The parameter name	CR-uSF DP 200T-D-4K
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

