VGA Fiber Optic Extender

CL-TRX-VGA

FEATURES

- All digit, no-compress, high definition optical transmission
- Support 1 channel VGA high definition video transmission
- Compatible support VGA-WUXGA standard
- Automatic identify and configurate various display mode
- Support UXGA 1600*1200/WUXGA 1920*1200 resolution ratio, the max bandwidth 500MHz
- Built-in auto equalization and re-fixed time function, frames clear and steady
- Support E-DDC display mode memory and remote read function, ensure the display mode are load correctly
- OpticalWDM/CWDM/DWDM technology
- Single mode, multimode fiber transmission
- By simply plug and play, no software set needed
- Built-in surge and static protection, three-level lightning protection design
- Industrial design, high reliability

SPECIFICATIONS

Model	CL-TRX-VGA
Interface Standard	VGA ~ WUXGA
Physics Interface	DB15/F cellular type socket
Interface quantity	Sender: 1 channel input, 1 channel loop output
	Receiver: 1 channel output
VF Presentation Reaolution Ratio	VGA: UXGA 1600 x 1200 WUXGA 1920 x 1200
Video Analog Bandwidth	500MHz
Input Video Impedance	75Ω
Input Couping Type	DC
Line Synchronous Frequency	15KHz ~ 200KHz
Field Synchronous Frequency	30Hz ~ 200Hz
Line & Field Synchronous Input Impedance	510Ω
Line & Field Synchronous Input Polar	Positive polarity or polarity
Return Loss	< -40dB @ 5MHz
DDC Standard	DDC2/EDID 1.0/2.0
DDC Electrical Level	5V TTL
DDC Dispose	Loop direct output or sender remote read memory
Power Supply Mode	220VAC
Max consumed Power	10W

INTRODUCTION

Breakthrough the restrictions on short distance transmission of high definition video signals, greatly extend the application scope and connection range, so high-definition video global spread, release and sharing becomes possible.

The 1 Channel VGA optical transmitter & receiver Series products adopt the most advanced international technology of digital video and optical fiber transmission, performing synchronous, undistorted, uncompressed and high quality signal transmission. The computer host, high-definition video signal etc, exporting the long distance of various resolution ratio of 1 channel VGA signal, solve the problem of only for short distance transmission.