

Four cores Fiber HD VGA converter

VGA 6635T(R)

datasheet

VER0.1/ 20-04-2011

Features:

- ✧ One Channel VGA signal transmited on four cores fiber, No compressed、No time delay.
- ✧ Support VESA standard resolution
- ✧ VGA Loophthrough
- ✧ Receiver with VGA and DVI output connectors
- ✧ Signal bandwidth---4.95Gbps(Max)
- ✧ Support single mode Fiber and Multimode fiber transmission, 10~80KM on SMF
- ✧ SFP hot pluggable , flexibly select SFP transceiver according to different transmission distance.

Description

VGA fiber transmission device adopt the advanced the technology digital transform and transmission, the signal is tranform to the digital format and transmited on fiber.

Firstly, transmitter transfer the analog signal into the digital format, then it is changed to optical signal in SFP transceiver in the way Electronic-opto, so that the signal is transmited on Fiber.

Receiver transform the optical signal to digital signal after receiving, then transform to the analog VGA signal. the device can support the formats of VGA、SVGA、XGA、SXGA、UXGA.

VGA converter has Single mode and Multi-mode series. VGA transmitter work with VGA receiver in pairs. The VGA transmitter has loophthrough which can contact the local mornitor. 4 x LC fiber connectors on transmitter individually transmute R、G、B、CK (R, G, B are Red/Green/Blue three kinds bascal colors, CK is the signal of clock). 4 x LC fiber connectors on receiver individually receive R, G, B, CK. the receiver has 1x VGA output and 1x DVI output, both can work at the same time. when fiber connection between transmitter and receiver, R, G, B, CK fibers can not be intercrossed. if not, they don't work.

Specifications

1、Transmitter performance

Input interface----- 1 Channel HD15F (VGA)
Local loophthrough ----- 1 Channel HD15F (VGA)
Fiber connector -----4 x LC (R,G, B ,CK)
Type of Fiber -----SMF (1310nm) 、 MMF (850nm)
Size ----- 183mm X 154mm X 30mm
Power assumption ----- 3W

2、Receiver performance

Fiber connector ----- 4 x LC (R,G, B ,CK)
Type of Fiber -----SMF (1310nm) 、 MMF (850nm)
Output interface -----1 channel HD15F (VGA), 1 channel DVI
Size ----- 183mm X 154mm X 30mm
Power assumption ----- 3W

3、Support display format -----VGA/XGA/SXGA/UXGA

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Power supply : 100V~240V

Work temp : -20°C~ +70°C

Storage temp : -40°C~ +85°C

Humidity : 0~95% non-condensing

Weight:

Appearance



Transmitter



Receiver

Application

- ◇ Multi-media system/super screen surveillance/ supermark-mall

