Xin-SF8
Optical fiber input card

Features

- 8 high-speed single core SC optical fiber interface input.
- Support multimode optical fiber OM3 input, the longest distance up to 300M.
- Maximum resolution support:
  - HDPC: 1920x1200P@60_24bit.
  - HDTV: 1920x1080P@60_36bit.

Specifications

The parameter name		Xin-SF8
Interface	8 high-speed single core SC optical fiber interface input	
Video	Optical interface	SC connector
	Fiber type	Multimode/Single Mode(Optional)
	Wavelength	Multimode 850nm/Single Mode: 1310 –1620nm(Optional)
	Interface bandwidth	2.25Gbps, full digital (a total of 6.75Gbps, each color is 2.25Gbps)
	Clock Jitter	<0.15 Tbit
	Rise time	<0.3Tbit (20%--80%)
	Fall time	<0.3Tbit (20%--80%)
	The recommended maximum input distance	Om3 multimode fiber: less than 300 meters, Single-mode fiber: 2~20 km, at 1920x1080p@60
	Maximum resolution support	HDPC: 1920x1200P@60_24bit HDTV: 1920x1080P@60_36bit
The product weight		0. 9Kg
Maximum power dissipation		24W

Xin-CAT8
The HDBaseT input card

Features

- 8 high-speed RJ45 interface input.
- Using CAT5e/6 wire input, the longest distance up to 100M.
- Support EDID editing function.
- Be compatible with HDBaseT protocol.
- Maximum resolution support:
  - HDPC: 1920x1200P@60_24bit.
  - HDTV: 1920x1080P@60_36bit.

Specifications

The parameter name		Xin-CAT8
Interface	8 high-speed RJ45 interface input	
The Link port input and output	Supported protocols	The HDBaseT protocol
	Pixel bandwidth	165MHz, full digital
	Interface bandwidth	2.25Gbps, full digital (a total of 6.75Gbps, each color is 2.25Gbps)
	Maximum support resolution	HDPC: 1920x1200P@60_24bit HDTV: 1920x1080P@60_36bit 3D Format: 1920x1080P@24_36bit
	Signal type	High speed differential signal defined in HDBaseT protocol
	The recommended maximum input distance	A maximum of 100 meters, in 1920x1080p@60 （Recommend the use of CAT5e/6/7 special wire)
The product weight		1Kg
Maximum power dissipation		40W

Xout-SF8
The fiber output card

Xout-CAT8
The HDBaseT output card

Features

- 8 high-speed single core SC fiber interface output.
- Using multimode fiber Om3 output, the longest distance up to300M.
- Maximum resolution support:
  HDPC: 1920x1200P@60_24bit.
  HDTV: 1920x1080P@60_36bit.

Features

- 8 high-speed RJ45 interface output.
- Using CAT5e/6 wire output, the longest distance up to 100M.
- Maximum resolution support:
  HDPC: 1920x1200P@60_24bit.
  HDTV: 1920x1080P@60_36bit.

Specifications

The parameter name		Xout-SF8
Interface		8 high-speed single core SC fiber interface output
Video	Optical interface	SC connector
	Fiber type	Multimode/Single Mode(Optional)
	Wavelength	Multimode 850nm/Single Mode: 1310 –1620nm(Optional)
	Interface bandwidth	2.25Gbps, full digital (a total of 6.75Gbps, each color is 2.25Gbps)
	Clock Jitter	<0.15 Tbit
	Rise time	<0.3Tbit (20%--80%)
	Fall time	<0.3Tbit (20%--80%)
	The recommended maximum output distance	Om3 multimode fiber: less than 300 meters, Single-mode fiber: 2~20 km, at 1920x1080p@60
	Maximum resolution support	HDPC: 1920x1200P@60_24bit HDTV: 1920x1080P@60_36bit
The product weight		0. 9Kg
Maximum power dissipation		24W

Specifications

The parameter name		Xout-CAT8
Interface		8 high-speed RJ45 interface output
The Link port input and output	Supported protocols	The HDBaseT protocol
	Pixel bandwidth	165MHz, full digital
	Interface bandwidth	2.25Gbps, full digital (a total of 6.75Gbps, each color is 2.25Gbps)
	Maximum support resolution	HDPC: 1920x1200P@60_24bit HDTV: 1920x1080P@60_36bit 3D Format: 1920x1080P@24_36bit
	Signal type	High speed differential signal defined in HDBaseT protocol
	The recommended maximum output distance	A maximum of 100 meters, in 1920x1080p@60 （Recommend the use of CAT5e/6/7 special wire)
The product weight		1Kg
Maximum power dissipation		21W