PMAX-IN SDI4

SDI input card

Features

- 4 BNC female input connectors; 4 BNC female connector loop-out.
- Support hot-swapping function.
- Support SD/HD/3G SDI signals input.

Specifications

The parameter name		PMAX-IN SDI4
Connector		4 BNC connectors, 4 BNC loop-out output
Protocol		SMPTE 425M，SMPTE 424M，SMPTE 292M，SMPTE 259M-C，DVB-ASI
Video	Pixel bandwidth	2.970Gb/s,1.485Gb/s,270Mb/s
	Maximum support resolution	1920x1200P@60
The product weight		About 0. 5kg
Maximum power dissipation		20W

PMAX-IN SF4

Fiber optic input card

Features

- 4 single-core fiber-optic input connectors.
- Support hot-swapping function.
- Maximum input signal transmission distance up to 300 meters (multi-mode) with fiber-optic transmitters, or maximum distance of 20 KM (Single-mode).
- Maximum resolutions supported:
  HDPC: 1920x1200P@60,
  HDTV: 1920x1080P@60.

Specifications

The parameter name		PMAX-IN SF4
Connector	4 high-speed single core SC fiber connectors	
Video	Fiber connector	SC connector
	Fiber type	Multimode/Single mode (optional)
	Wavelength	Multimode 850nm/Single Mode: 1310-1620nm(optional)
	Bandwidth	Positive: 6.25Gbps, reverse：3.125Gbps
	Clock Jitter	<0.15 Tbit
	Rise time	<0.3Tbit (20%--80%)
	Fall time	<0.3Tbit (20%--80%)
	Recommended maximum input/ output distance	Less than 300m for Om3 multimode fiber, 2-20km for single mode fiber when in 1920x1080P@60
	Maximum support resolution	HDPC: 1920x1200P@60 HDTV：1920x1080P@60
The product weight		About 0. 5kg
Maximum power dissipation		20W

PMAX-IN IP4

IP input card

Features

- 4 high speed RJ45 interfaces.
- Maximum 100 meters output distance with Cat5e/Cat6 cables.
- Support web login to set up network protocols, local network configurations, and remote network configurations, etc.
- Support receiving video from static IP address, and automatic searching network encoding devices.
- Support network protocols of onvif, RTP, RTSP, RTCP, TCP, and UDP, etc.
- Support G711a, G711u, G726, and ADPCM audio encodin.
- Support commonly used cameras from Hikvision, Dahua, and Huawei.
- Maximally Supported Resolution：1920x1080P@60Hz。

Specifications

The parameter name		PMAX-IN IP4
Network Protocol	Onvif、RTP、RTSP、RTCP、TCP、UDP	
Video	Network interface bandwidth	100M
	Video Compression	H.264 Main Profile/H.264 Baseline Profile /H.264 High Profile
	Audio Compression	G711a/G711u/G726/ADPCM
	Control Protocol	Control protocol support standard protocol ONVIF
	Maximum transmission delay	100ms(depend on the encoding delay and network transmission delay)
	IP parameters	Port1 default IP: 192.168.1.100 Port2 default IP: 192.168.2.100 Port3 default IP: 192.168.1.200 Port4 default IP: 192.168.2.200
	Fall time	<0.3Tbit (20%--80%)
	Recommended Max Input/Output Distanc	100m
	Maximally supported resolution	HDPC: 1920x1080P@60 HDTV: 1920x1080P@60
The product weight		About 0.5kg
Maximum power dissipation		25W

PMAX-IN DU-DVI2

Dual-link DVI input card

Features

- 2 channels DVI-D dual link interface, 2 3.5mm audio sockets.
- Maximum input distance: 35m.
- Support hot-swap, and audio video signal synchronized switching.
- Support receiving video from static IP address, and automatic searching network encoding devices.
- Support analog audio input.
- Support EDID reading function.
- Maximally supported resolution: 4K×2K@30.

Specifications

The parameter name		PMAX-IN DU-DVI2
Protocol	DVI1.0 protocol	
Video	Gain	0 dB
	Pixel bandwidth	165MHz, full digital
	Interface bandwidth	4.5Gbps, full-digital (total 13.5Gbps, each color 4.5Gbps)
	Maximum support resolution	4K×2K@30
	Clock Jitter	<0.15 Tbit
	Rise time	<0.3Tbit (20%--80%)
	Fall time	<0.3Tbit (20%--80%)
	Maximum transmission delay	5nS(±1nS)
	Connector	2 channels DVI-D dual link interface 2 channels 3.5mm audio jacket
	Signal strength	T.M.D.S. +/- 0.4Vpp
	Minimum / maximum level	T.M.D.S. 2.9V/3.3V
	Impedance	50 Ω
	EDID	N/A
	Maximum DC offset error	15mV
	Recommended maximum input/ output distance	Output less than 35 meters(4Kx2K@30Hz), recommend use certified DVI special wire such as Molex TM wire.
The product weight		About 0. 5kg
Maximum power dissipation		15W