PMAX-OUT VGA4

VGA output card

Features

- 4 DB15 female connectors; 4 3.5mm audio sockets.
- Selectable output signal type for VGA, CVBS and YPbPr.
- Support hot-swapping function; Support synchronized switching of audio and video signals; Support AUTO DELAY.
- Support analog audio output.
- Maximum supported resolution:
  HDPC: 1920x1200P@60,
  HDTV: 1920x1080P@60.

Specifications

The parameter name		PMAX-OUT VGA4		
Connector	Db15 connector, 3.5mm audio socket			
Video	Signal type	Composite video (CV)	Component video YPbPr	VGA video
	Gain	0dB	0dB	0dB
	Bandwidth	150MHz@ -3dB	350MHz@ -3dB	380 MH
	Differential phase error	0.1°,3.58 -4.43 MHz	0.1°,3.58 -4.43 MHz	——
	Differential gain error	0.1%,3.58 -4.43 MHz	0.1%,3.58 -4.43 MHz	——
	Signal strength	1Vpp: Composite video(CVBS)	1Vpp: (Y in YPbPr), 0.3Vpp: (PbPr/CbCr in YPbPr)	0.63 Vpp ~ 0.9 Vpp
	Minimum/maximum level	Analog signal: -2V/+2V	Analog signal: -2V/+2V	RGB signal: 0V/1.0V HV signal: 0V/5.0V
	Output impedance	75 Ω	75 Ω	75 Ω
	Return loss	<-30dB@ 5MHz	<-30dB@ 5MHz	<-30dB@ 5MHz
The product weight		About 0. 5KG		
Maximum power dissipation		20W		

PMAX-OUT SDI4

SDI output card

Features

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

Specifications

The parameter name		PMAX-OUT 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	1920x1080P@60
The product weight		About 0. 5KG
Maximum power dissipation		20W

PMAX-OUT SF4

Fiber optic output card

Features

- 4 channel single-core fiber outputs.
- 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 supported resolution:
  HDPC: 1920x1200P@60,
  HDTV: 1920x1080P@60.

Specifications

The parameter name		PMAX-OUT SF4
Connector	4 high-speed single core SC fiber connectors	
Video	Fiber connector	SC connector
	Fiber type	Multimode/Single mode (selectable)
	Wavelength	Multimode 850nm/Single Mode: 1310-1620nm(selectable)
	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-OUT IP4

IP output card

Features

- 4 channels high speed RJ45 interface.
- Maximum 100 meters output distance with Cat5e/Cat6 cables.
- Support web login to configure Network protocols, local network parameters, etc.
- Support receiving video from static IP address, and automatic searching network encoding devices.
- Supported network protocols: RTP, RTCP, TCP, UDP, etc.
- Support ADPCM audio encoding.
- Support commonly used cameras from Hikvision, Dahua, and Huawei.
- Maximally Supported Resolution: 1920x1080P@60Hz.

Specifications

The parameter name		PMAX-OUT IP4
Network Protocol	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	ADPCM
	Maximum transmission delay	100ms
	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 Distance	100m
	Maximally supported resolution	1920x1080P@60
The product weight		About 0.5KG
Maximum power dissipation		25W