

PD100

HD IP Encoder

Description

The PD100 is a low cost MPEG-2 or H.264 single channel encoding device used to stream video and audio across any IP network. The unit can be used in CATV systems, security or hospitality applications where linear IP video is required. The PD100 accepts HDMI in the clear, component or composite video input and audio input via embedded HDMI, digital S/PDIF or analog.

Features

- HDMI, component, and composite inputs with auto detection
- Dual mode: H.264 / MPEG-2 selectable
- Video resolution: up to 1080p
- Audio format: MPEG-1 LII
- AC-3[®] 2.0 encode & 5.1 pass-through
- Easy installation and use
- Remote control and monitoring via an easy-to-use web browser
- IP output
- Closed Caption supported



Specification

Interfaces

Ethernet (Output)	1 GbE, RJ-45
USB (Optional)	USB 2.0
Video Input	HDMI (clear), YPbPr, composite
Audio Input	Analog, S/PDIF (coax, optical)

Encoding

Video Format	MPEG-2, H.264
Audio Format	MPEG-1 LII, AAC, AC-3 [®] 2.0 encode & 5.1 pass-through
Resolution	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Video Bitrate	MPEG-2 HD: 10 Mbps to 20 Mbps, MPEG-2 SD: 2 Mbps to 8 Mbps H.264 HD: 2 Mbps to 10 Mbps, H.264 SD: 1 Mbps to 4 Mbps
Audio Bitrate	128 Kbps, 256 Kbps, 384 Kbps
Streaming Protocols	UDP/RTP multicast or unicast, TCP unicast
Closed Caption	Yes

General

Dimensions	9.29" (L) x 5.75" (D) x 1.40" (H)
Weight	2.072 lbs
Operating Temperature	0 °C to 40 °C
Power Supply	12 VDC, 1.5 A
Consumption	500 mA

Ordering Information

PD100	HD IP Encoder
PD100-PS	Replacement Power Supply for PD100