

# PD100

## HD IP Encoder

The PD100 is a low cost MPEG-2 or H.264 single channel encoding device used to stream video & 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 & audio input via embedded HDMI, digital S/PDIF or analog.

### Features

- HDMI, component & composite inputs with auto detection
- Dual mode: H.264 / MPEG-2 selectable
- Video resolution: up to 1080p
- Audio format: MPEG-1 Layer II
- AC-3 2.0 encode & 5.1 pass through

### Specifications

INTERFACES	
<b>ETHERNET (Output)</b>	1 GbE, RJ-45
<b>USB (Optional)</b>	USB 2.0
<b>VIDEO INPUT</b>	HDMI (Clear), YPbPr, Composite
<b>AUDIO INPUT</b>	Analog, S/PDIF (Coaxial, Optical)
ENCODING	
<b>VIDEO FORMAT</b>	MPEG-2, H.264
<b>AUDIO FORMAT</b>	MPEG-1 Layer II, AAC, AC-3 2.0 Encode & 5.1 Pass Through
<b>RESOLUTION</b>	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
<b>VIDEO BITRATE</b>	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
<b>AUDIO BITRATE</b>	128 Kbps, 256 Kbps, 384 Kbps
<b>STREAMING PROTOCOLS</b>	UDP/RTP Multicast or Unicast, TCP Unicast



PD100  
(front view)



PD100 (rear view)

- Easy installation & use
- Remote control & monitoring via an easy-to-use web browser
- IP output
- Closed caption supported

ENCODING (cont'd)	
<b>CLOSED CAPTION</b>	Yes
GENERAL	
<b>OPERATING TEMPERATURE</b>	0°C to +40°C (+32°F to +104°F)
<b>POWER SUPPLY</b>	12 VDC, 1.5A
<b>CONSUMPTION</b>	500mA
<b>DIMENSIONS</b>	1.40"H x 9.29"W x 5.75"D (3.56H x 23.60W x 14.61D cm)
<b>WEIGHT</b>	2.07 lbs (0.94 kg)

### Ordering Information

Part Number	Description
PD100	HD IP Encoder
PD100-PS	Replacement Power Supply for PD100

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Rev. 11/19 (ANW1276)