



Primary Distribution Encoder with **MPEG-DASH**

PiXiE-E1 *Encoder*

The PiXiE Encoder is for primary distribution. PiXiE Encoders transport live video over any IP network, including CDNs and the Internet. PiXiE Encoders can support multiple MPEG-DASH decoders with precise end-to-end latency. Includes the click to start PiXiE Player.

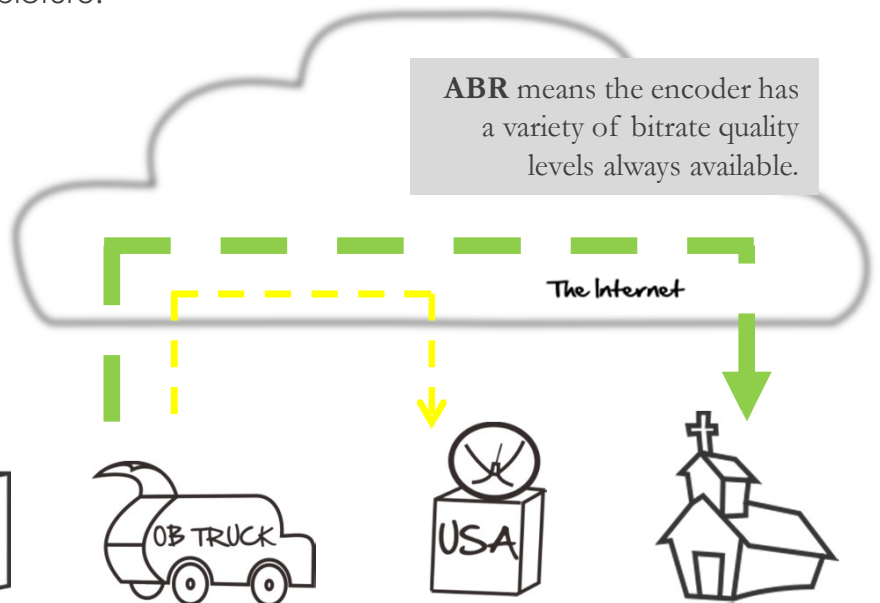
PiXiE Encoders incorporate **MPEG-DASH** Adaptive Bit Rate technology so that setup is simple and performance is robust even for long-haul video services. PiXiE encoders are like a web server and can deliver video to one or many decoders simultaneously using HTTP.

Path 1's innovative PiXiE products work together to reduce the complexity and risk of real-time Internet program transport. With a simple web user interface, and small form factor, PiXiE integrates into a variety of applications with ease.

And, PiXiE Encoder delivers a great picture!

Designed for the Internet:

- Light Contribution
- Primary Distribution
- Internet/CDN
- Outside Broadcast/Production
- Satellite Disaster Recovery



PiXiE-E1 Encoder

Specifications



Inputs

SD/HD SDI Single Port (2nd port for future use)
Video: 1080i 29.97/25, 720p 59.94/50, 480i, 576i
Audio: 2/4/6/16 channels of PCM or Encoded
Ancillary Data: All DIDs and SDIDs

Outputs

Gigabit Ethernet: RJ-45 (2nd interface for future use)

Encoding and Transport

Video CODEC: MPEG-4 AVC/H.264 - High Profile@L4
Audio CODEC: HE-AAC v1, AAC-LC, PassThrough
Encode PCM (2 or 6 ch) AAC-LC / HE-AAC
Pass through (4 or 16 ch)
Encapsulation: ISO base media file format live profile

Management

HTTP (*Simple, Enjoyable* Web User Interface)
Front Panel IP identification
Web Services API
HTML log files

Physical

Power: 100W, 100-240 VAC, 50-60Hz, 2.5-1 A
Physical Dimensions: 1RU (19") x 10" (rack mountable)
Operating Temperature: 41 to 104F (5 to 40C)
Operating Humidity: 5% to 90% non-condensing
Storage Temperature: -4 to 113F (-20 to 45C)

Certifications

CE, FCC and TUV, RoHS Compliant

Models

PiXiE-E1: Single Channel AVC Encoder

Option (contact Path 1 for availability)

Private-Key Encryption
Two channel
PiXiE Player License



www.path1.com

Video Transport **Simplified.**

