PathWay E
HEVC capable
rack-mounted encoder

PathWay E is an HEVC capable adaptive bitrate encoder in a 1U rack-mounted form-factor that delivers exceptional picture quality with low latency.

Ideal for installation in vehicles, portable flyaway kits, or standard 19” server racks, PathWay E is a rack transmitter that encodes high-quality video and transmits over Ethernet (LAN/WAN or Satellite) and/or Wi-Fi connections.

PathWay E is a versatile solution for video contribution for newsgathering or remote production. It can also serve as part of a portable disaster-recovery kit that ensures business continuity in the event of an emergency.

ADAPTIVE HEVC (H.265) ENCODING
Deliver higher quality video at lower bitrates.

BROADCAST FROM ANYWHERE
Connect to Ethernet, Satellite, Wi-Fi, or a Dejero GateWay network device to contribute video from a vehicle, set, or remote location.

REMARKABLE PERFORMANCE
PathWay E reliably delivers exceptional picture quality with low latency.

EMERGENCY PREPAREDNESS
Part of a portable disaster-recovery kit to ensure business continuity in the event of an emergency, like a storm or sudden evacuation.
## PRODUCT SPECIFICATIONS

### VIDEO

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LIVE</strong></td>
<td>Transmit broadcast quality live video over IP networks</td>
</tr>
<tr>
<td><strong>STORE &amp; FORWARD</strong></td>
<td>Record video for later transfer</td>
</tr>
<tr>
<td><strong>LIVE AND STORE &amp; FORWARD</strong></td>
<td>Transmit live while also recording video for later at a higher quality</td>
</tr>
<tr>
<td><strong>TRANSFER WHILE RECORDING</strong></td>
<td>Video is transferred to a Dejero receiver while still recording</td>
</tr>
<tr>
<td><strong>FILE TRANSFER</strong></td>
<td>Transfer edited video or other files to a Dejero receiver</td>
</tr>
</tbody>
</table>

### VIDEO FORMATS

- 1080p 23.98/25/29.97/30/50/59.94/60
- 720p 50/59.94/60
- 576i 25
- 480i 29.97

### ENCODING

- MPEG-4 [H.264 AVC and H.265 HEVC], adaptive bitrate

### INPUTS

- HD/SD-SDI
- HDMI (2.0a)

### RECORDING

- Up to 32 hours of HD (85GB of storage)

### AUDIO ENCODING

- **Live**: Opus 48 kHz, 2-, 4-, or 8-channel
- **Recording**: AAC 48 kHz, stereo or 4-channel

### NETWORK CONNECTIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wi-Fi</td>
<td>Dual-band wireless (802.11 a/b/g/n/ac), Open WEP, WPA-PSK and WPA2-PSK</td>
</tr>
<tr>
<td>ETHERNET</td>
<td>2 x 1 Gb/s port for LAN, WAN, and satellite (including BGAN, Ku-band, Ka-band)</td>
</tr>
</tbody>
</table>

### USER INTERFACE

- **Configuration and Monitoring**: Front panel dial and OLED screen, Connected external display (DP or HDMI), Web browser (Dejero Control)

### POWER

- **Supply**: 100-240 VAC 50/60 Hz AC
- **Consumption**: Max 180 W

### PHYSICAL

- **Dimensions (H x W x D)**: 1U 19" rackmount, 4.5 x 42 x 25 cm (1.75 x 16.5 x 9.8 inches)
- **Weight**: 4.2 kg (9.2 lbs)
- **Operating Temperature**: -10 C to 45 C (14F to 113 F) qualified operation 20-90% RH (non-condensing)
- **Interfaces**: SDI In (BNC), HDMI In, 2x RJ45 Ethernet, 1 USB 2.0 (front), 4x USB 3.0 (rear), 3.5mm audio jack, DisplayPort out, HDMI out

### ADDITIONAL FEATURES

- **Smart Blending Technology**: Blends Wi-Fi, Ethernet (WAN/LAN), and Satellite connections
- **Hybrid Encoding Technology**: Hybrid hardware/software encoding dynamically adapts in real-time based on the complexity of the video scene being captured and the network throughput
- **Dual Encode Mode**: Simultaneously record and live transmit with 85GB of storage capable of up to 32 hours of HD recording
- **AES256 Enhanced Stream Encryption**: Keeps audio and video data secure when transported over public internet links. Protects valuable content from being stolen, misused, or interfered with.
- **Adaptive HEVC**: H.265/HEVC compression provides better picture quality at low bitrates
- **Capture High-Motion Content**: 20Mbs when connected via Ethernet
- **Selectable Latency**: 1.5/3.0/8.0 seconds or custom preset from 0.8 - 20 seconds
- **Vehicle-Mounted**: Easily connects to external antennas for in-vehicle solutions
- **IFB**: Communicate with talent in the field using IFB
- **Backwards Compatibility**: Fully backward compatible with non-HEVC Dejero receivers
- **Multichannel Audio**: Choose 2, 4, or 8 different simultaneous audio inputs
- **Dejero Control**: Geolocate field units, preview feeds, route content, and monitor usage and performance using our cloud-based management system

### Contact Information

- dejero.com
- connect@dejero.com
- +1 519 772 4824

Copyright © 2020 Dejero Labs Inc. Dejero is a trademark or a registered trademark of Dejero Labs Inc. All other trademarks are the property of their respective owners. Design, features, and specifications are subject to change without notice. D-PB119-001 11/2020