

# Dejero

# 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

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

## VIDEO

<b>FORMATS</b>	1080p 23.98/25/29.97/30/50/59.94/60, 1080i 25/29.97/30, 720p 50/59.94/60, 576i 25, 480i 29.97
<b>ENCODING</b>	MPEG-4 [H.264 AVC and H.265 HEVC], adaptive bitrate
<b>INPUTS</b>	HD/SD-SDI, HDMI (2.0a)
<b>RECORDING</b>	Up to 32 hours of HD (85GB of storage)

## AUDIO

<b>ENCODING</b>	Live: Opus 48 kHz, 2-, 4-, or 8- channel Recording: AAC 48 kHz, stereo or 4-channel
<b>INPUTS</b>	Embedded (SDI, HDMI)

## NETWORK CONNECTIONS

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

## USER INTERFACE

<b>CONFIGURATION AND MONITORING</b>	Front panel dial and OLED screen Connected external display (DP or HDMI) Web browser (Dejero Control)
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## POWER

<b>SUPPLY</b>	100-240 VAC 50/60 Hz AC
<b>CONSUMPTION</b>	Max 180 W

## PHYSICAL

<b>DIMENSIONS (H x W x D)</b>	1U 19" rackmount, 4.5 x 42 x 25 cm (1.75 x 16.5 x 9.8 inches)
<b>WEIGHT</b>	4.2 kg (9.2 lbs)
<b>OPERATING TEMPERATURE</b>	-10 C to 45 C (14F to 113 F) qualified operation 20-90% RH (non-condensing)
<b>INTERFACES</b>	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



SDI IN



HDMI IN



RJ45 ETHERNET



3.5MM



DP 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

20Mb/s 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

## COMMITTED TO SAFETY



Contact us to learn more about PathWay EC

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Full specifications available at [dejero.com/pathway](https://dejero.com/pathway)

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