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

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

VIDEO

FORMATS	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
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
INPUTS	Embedded (SDI, HDMI)

NETWORK CONNECTIONS

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

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" rack-mount, 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

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

FC   IC   CE

Contact us to learn more about PathWay EC

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Full specifications available at dejero.com/pathway