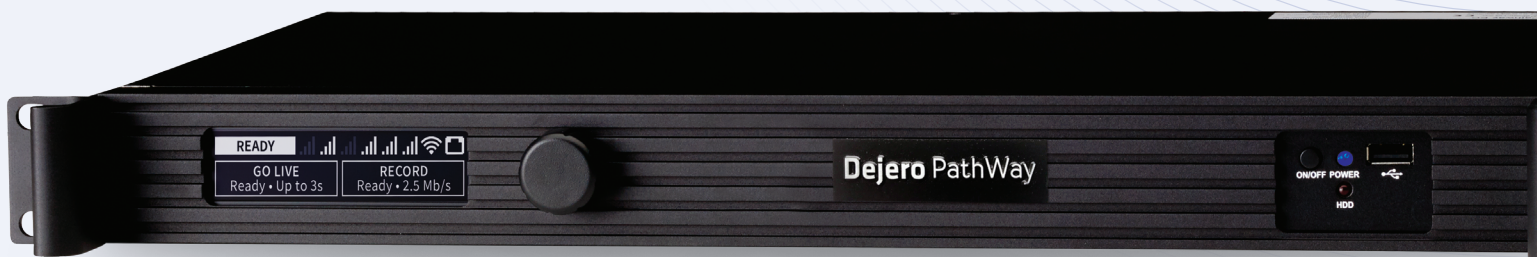


Dejero

PathWay

HEVC capable rack-mounted
encoder/transmitter



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

Designed for installation in newsgathering and remote production vehicles or in fixed locations, you have the option of blending cellular connectivity with an Ethernet (LAN/WAN or satellite) or Wi-Fi connection.

PathWay can also be used as a backup transmission solution to ensure broadcast continuity in the event a station loses its primary transmission capability. It's also great for enabling feeds from remote studios and fixed-location cameras.



HIGHER QUALITY

HEVC (H.265) ENCODING

Deliver higher quality video at lower bitrates; especially helpful in challenging cellular network conditions when bandwidth is limited.



IN-VEHICLE

BROADCAST WHILE MOVING

Connect to an array of external antennas mounted on a vehicle to go live while moving. Seamlessly switch from cellular to satellite, or CellSat transmission when on the scene.



RELIABILITY

REMARKABLE PERFORMANCE

Blending up to eight network connections, PathWay reliably delivers exceptional picture quality with low latency, even in challenging bandwidth conditions. Get your live shot where others can't.



VERSATILITY

MULTI-PURPOSEFUL

Cost-effective alternative for remote live feeds from fixed-location cameras. Also provides greater flexibility as to where you can place those cameras.

PRODUCT SPECIFICATIONS

VIDEO

FORMATS	480i 29.97, 576i 25, 720p 50/59.94/60, 1080i 25/29.97/30, 1080p 23.98/25/30/50/59.94/60
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 (85 GB 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

CELLULAR	Up to 6 x 3G/4G/LTE Wi-Fi Dual-band wireless (802.11 a/b/g/n/ac) (Optional) 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)
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POWER

SUPPLY	100-240 VAC 50/60 Hz AC
CONSUMPTION	Max. 180 W

PHYSICAL

DIMENSIONS	1U 19" rack-mount 42 x 25 x 4.5 cm (16.5 x 9.8 x 1.75 inches)
WEIGHT	4.2 kg (9.2 lbs)
OPERATING TEMPERATURE	-10°C to 45°C (14° F to 113° F) qualified operation 20-90% RH (non-condensing)
CONNECTORS	SDI In (BNC), HDMI In, 2 x RJ45, 1 USB 2.0 (front), 4 x USB 3.0 (rear), 3.5 mm audio jack, DisplayPort out, HDMI out



MODELS

PATHWAY E	Provides Ethernet (LAN/WAN and satellite) and Wi-Fi connectivity
PATHWAY EC	Adds integrated modems for cellular connectivity

KEY FEATURES

ADAPTIVE HEVC

H.265/HEVC compression provides better picture quality at low bitrates

NETWORK BLENDING

Blend up to eight network connections including 3G/4G/LTE, Wi-Fi, Ethernet, and portable satellite

CAPTURE HIGH-MOTION CONTENT

20 Mb/s when connected via Ethernet

SELECTABLE LATENCY

1.5 / 3.0 / 8.0 seconds or custom preset from 0.8–20 seconds

DUAL ENCODING

Simultaneously record and live transmit with 85 GB of storage capable of up to 32 hours of HD recording

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

AUTO DETECTION

Automatic video input and format detection

USER FRIENDLY

Dial and OLED screen make navigation easy

COMMITTED TO SAFETY

Committed to safety: FCC/IC/CE certified

DEJERO CONTROL

Geolocate field units, preview feeds, route content, and monitor usage and performance using our cloud-based management system

Contact us to learn more about PathWay

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