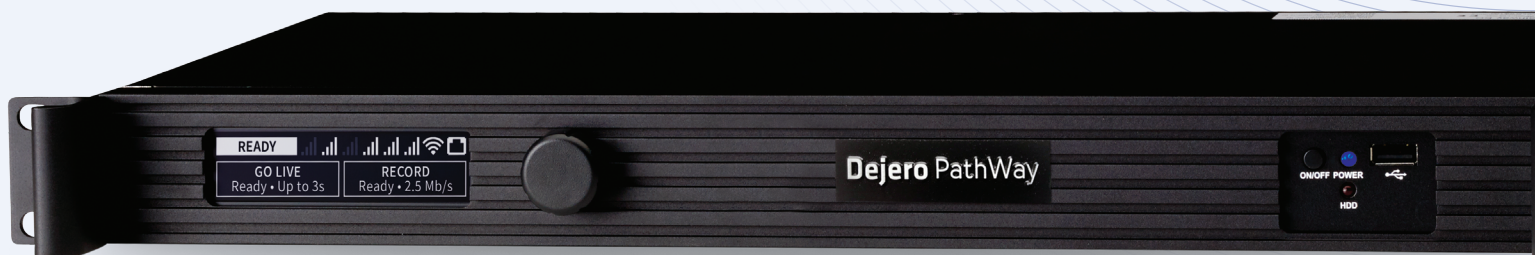


Dejero

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. For additional reliability in the field, use PathWay as part of the Dejero CellSat solution

to automatically blend cellular and Ku-band IP satellite connectivity from Intelsat. PathWay can also be used as a backup transmission solution 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.



RELIABLE

RESILIENT TRANSMISSION

Reliably deliver exceptional picture quality with low latency over cellular, Ethernet, Wi-Fi, or satellite connections. Take advantage of the best transmission path for your particular situation.



CUT COSTS

CUT COSTS

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

PRODUCT SPECIFICATIONS

VIDEO

RESOLUTIONS	480i 29.97, 576i 25, 720p 50/59.94/60, 1080i 25/29.97/30, 1080p 23.98/25/30/50/60
ENCODING	MPEG-4 (H.264 AVC and H.265 HEVC), adaptive bitrate
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, 16-128 kb/s adaptive bitrate. Recording: MPEG-2 48 kHz, stereo, 256 kb/s
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)
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 44.5 x 4.5 cm (16.5 x 17.5 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



SDI IN



HDMI IN



ETHERNET x 2

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

Adaptive HEVC encoding

FAST

20 Mb/s when connected via Ethernet

SELECTABLE LATENCY

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

INDEPENDENT LIVE AND RECORD

Independent live and record start and stop for simultaneous or independent recording and live transmission

EXTERNAL ANTENNAS

Easily connects to external antennas for in-vehicle solutions

IFB AUDIO SUPPORT

IFB audio support

BACKWARDS COMPATIBILITY

Fully backward compatible with non-HEVC Dejero receivers

DEJERO CONTROL

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

MULTICHANNEL AUDIO

Multichannel audio enables more inputs from a variety of microphones, or to transmit multiple languages

AUTOMATIC DETECTION

Automatic video input and format detection

REMOTE CONTROL

Web-based remote control

COMMITTED TO SAFETY

Committed to safety: FCC/IC/CE certified

Contact us to learn more about PathWay

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