

Dejero

EnGo 260

HEVC capable compact mobile transmitter for remote contribution

Reliable and simple to use, EnGo is designed for mobile video contribution professionals who require agility and versatility.

The EnGo is a compact mobile transmitter that encodes high-quality video and transmits over multiple IP connections to reliably deliver exceptional picture quality with extremely low latency – even in challenging network conditions.

Vehicle-mounted, worn in a backpack or integrated with an unmanned aerial system (UAS), EnGo is ideal for newsgathering, sports coverage, and live event broadcasting, and enhancing situational awareness from remote locations, and while in motion.



Remarkable Performance

Blending up to eight network connections with Dejero *Smart Blending Technology*, EnGo reliably delivers exceptional picture quality with latency as low as 0.8 seconds, even in challenging bandwidth conditions. Get your live shot where others can't.



Capture Live Video from Virtually Anywhere

Cellular, Wi-Fi, and satellite connectivity from a compact transmitter enables you to reliably send live video from virtually anywhere. You can even go live while in motion.



Easy to Use

The simple, intuitive touch screen interface provides confidence monitoring, status information, and easy operation. Built-in intelligence does most of the work for you so you can focus on the shot.



Exceptionally Versatile

Whether you put it in a backpack, mount it in your vehicle, or integrate with a UAS, the EnGo adapts to your needs. The latest LTE-A global modems and field-user accessible SIMs make it easy to go live using local SIMs.

Product Specifications

Key Functions

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
Wi-Fi Hotspot	Connect laptop, phone or other devices to the Internet leveraging EnGo connectivity

Video

Formats	1080p 23.98/24/25/29.97/30/50/59.94/60, 1080i 25/29.97/30, 720p 50/59.94/60, 576i 25, 480i 29.97
Encoding	H.264 AVC and H.265 HEVC, adaptive bitrate
Bitrates	Live bitrate up to 20Mbps, Store and Forward bitrate up to 15 Mbps
Inputs	3G/HD/SD-SDI, HDMI, IP (MPEG-TS, RTMP, RTSP)
Output Options	SDI, SMPTE ST 2110, MPEG-TS, Content Delivery Networks (CDNs), Social Networks, MultiPoint

Audio

Encoding	Live: Opus 48 kHz, 2-, 4-, 8-channel 16- 128 kbps adaptive bitrate, 16-bit audio depth Recording: AAC 48 kHz, stereo or 4-channel
Inputs	Embedded (SDI, HDMI)

Network Connections

Cellular	6 x 3G/4G/LTE-A, compatible with external 5G modems
Ethernet	Dual 1 Gb/s port for LAN, WAN, and portable satellite (including BGAN, Ku-band, Ka-band)
Wi-Fi	Dual-band wireless (802.11 a/b/g/n/ac), Open WEP, WPA-PSK and WPA2-PSK

Power

Internal Battery	Internal battery provides over 3 hours of run time
Auxiliary Battery	Easily accessible Gold Mount or V-Mount plates in backpack or use included D-Tap cable
External DC	100-240 VAC adapter, 90W (included)

Physical

Dimensions (H x W x D)	21.8 x 14.2 x 8.4 cm (8.5 x 5.6 x 3.3 inches)
Weight	1.8 kg (4.0 lbs)
Operating Temperature	0° C to +45° C (32° F to 113° F) mounted 0° C to +40° C (32° F to 104° F) in backpack up to 95% RH (non-condensing)
Screen	5" capacitive touchscreen
Interfaces	SDI in (BNC), HDMI 1.3 in, Mini DisplayPort out, 2 x RJ45 Ethernet, 2 x USB 3.0, IFB (mini-XLR), DC In
Accessories Included	Backpack Auxiliary battery charging plate for V-mount or Gold-mount batteries D-Tap power connector cable Mini-XLR to XLR or mini-XLR to 3.5 mm IFB adapter cable SDI and HDMI cables

Key Features

Smart Blending Technology

Blend up to eight network connections including 3G/4G/LTE-A/5G, Wi-Fi, Ethernet, and portable satellite

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

Resilient Wireless Technology

Advanced RF design for ultra-reliable transmission and reception

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.

Simplified International Travel

Integrated global modems, global roaming connectivity services, interchangeable SIM modules, and an internal battery that's aircraft carry-on compliant, make EnGo an easy international travel companion

Designed for Durability

Built with aircraft-grade aluminum monocoque construction and polycarbonate ABS bumpers, the EnGo is vibration, shock, and crash tested to transportation safety specs - making it the most rugged transmitter on the market

Capture High Motion Content

20 Mbps video encoding and transmission, and frame rates up to 1080p 50/60; perfect for high motion content like sports

Internal and External Battery Options

Rechargeable 3+ hours internal battery, plus use your own ENG camera batteries to power and charge your EnGo

Dual Encode Mode

Simultaneous recording and live transmission with 65 GB of storage capable of up to 30 hours of HD recording

IFB/Intercom

One-way IFB and two-way Intercom full-duplex voice communication between studio and field crew

UAS Video Interoperability

Works seamlessly with unmanned aerial systems to capture real-time video from unique vantage points

Certifications



Full specifications available at dejero.com/engo-260/tech-specs

Contact us to learn more about EnGo 260

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