

# Dejero

## EnGo 265

LTE mobile transmitter  
and internet gateway

Reliable, simple to use, and built tough for field use, EnGo 265 is designed for mobile video professionals who demand high performance.

EnGo 265 efficiently encodes and securely transmits high-quality live video from the field while also empowering mobile teams to work more efficiently with resilient, high-bandwidth, wireless internet access.

Featuring our renowned *Smart Blending Technology™*, the dependable EnGo 265 reliably performs in the most challenging network conditions.

Worn in a backpack or mounted in a vehicle for use with roof-top antennas, EnGo 265 is ideal for newsgathering, sports coverage, live event production, and transmitting real-time video from drones.



**SBT** Smart  
Blending  
Technology

**HYBRID  
ENCODING**  
TECHNOLOGY

**RESILIENT  
WIRELESS**  
TECHNOLOGY



### Unmatched Reliability

World-class RF and antenna design combined with unique *Smart Blending Technology* enables ultra-reliable transmission in the most challenging environments.



### Low Latency over Bonded Cellular

True glass-to-glass latency as low as 0.5 seconds over bonded cellular networks. Optimized encoding and transmission techniques makes this possible.



### Built Tough for Field Use

Vibration, shock and crash-tested, the rugged design features aircraft-grade aluminum construction and polycarbonate ABS bumpers. No one builds it like Dejero.



### Enhanced Security

A Trusted Platform Module that authenticates your device combined with AES256 encryption and a security-hardened Linux OS ensures your content is transmitted securely.

# Product Specifications

## Key Functions

Live	Transmit broadcast-quality live video over IP networks
Recording	Record video for later transfer
Live and Recording	Transmit live while also recording video for later transfer at a higher quality
Record and Auto Transfer	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	Internet access over a single network connection, preserving remaining connections for video
GateWay Mode	Resilient, high-bandwidth internet access over aggregated network connections

## 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 20 Mbps, Store and Forward bitrate up to 15 Mbps
Inputs	3G/HD/SD-SDI, HDMI, IP (MPEG-TS, RTMP, RTSP)
Output Options	SDI, SMPTE 2110, MPEG-TS, Content Delivery Networks (CDNs), Social Networks, MultiPoint

## Audio

Encoding	Live: Opus 48 kHz, 2-, 4-, 8-channel 16-128 kb/s 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 with Wi-Fi 6 (802.11 a/b/g/n/ac/ax), Open WEP, WPA-PSK and WPA2-PSK

## Power

Internal Battery	Internal battery provides over 3 hours of run time
External 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	1.9 kg (4.2 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 in, HDMI out, 2 x RJ45 Ethernet, 2 x USB 3.0, IFB output (3.5mm), Intercom audio (3.5mm), DC in, wired remote
Accessories Included	Backpack with wired remote External battery charging plate for V-Mount or Gold Mount batteries D-Tap power connector cable Audio cables for IFB (XLR and 3.5mm) and Intercom (3.5mm) SDI and HDMI video cables

# Key Features

## Smart Blending Technology

Aggregate 3G/4G/LTE-A, external 5G, Wi-Fi, Ethernet, and portable satellite connections

## Hybrid Encoding Technology

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 and antenna design for ultra-reliable transmission and reception

## Easy to Use

5" capacitive touch screen provides confidence monitoring, status information, and in-field control

## Ergonomic Backpack

Includes shoulder-mounted wired remote, sun shade, simplified cable management, and space for optional external battery

## Vehicle Antenna Dock

Mount inside a vehicle and connect to external antennas with optional dock

## Travel-friendly

Integrated global modems, global roaming connectivity services, field-accessible SIMs, and an internal battery that's aircraft carry-on compliant

## Internal and External Battery Options

Over 3 hours of battery life from rechargeable internal battery, plus optional use of external ENG camera batteries for extended runtime

## IFB and Intercom

One-way IFB over wired or Bluetooth\* earpiece, and two-way, full-duplex Intercom voice communication

## Return Video

Connect external display to HDMI output to view a low latency feed from the studio

## UAS Interoperability

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

## Certifications



\* H2 2022 software update

Full specifications available at [dejero.com/lengo-265](https://dejero.com/lengo-265)



Contact us to learn more about EnGo 265

# Dejero

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