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 locked-down 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 Mb/s, Store and Forward bitrate up to 15 Mb/s
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

*H1 2022 software update

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

FC CE IC connected by Verizon✓

Contact us to learn more about EnGo 265

Dejero

dejero.com
connect@dejero.com
+1 519 772 4824