

# Dejero

# WayPoint 50

One-output compact receiver



The WayPoint 50 receiver reconstructs broadcast-quality video transported over multiple IP connections from a Dejero transmitter, decodes HEVC or AVC, and outputs to SDI or MPEG-TS workflows.

WayPoint 50 receivers fit in short-depth 19" rack systems, making them a great choice for production vehicles where space is a premium. They are also designed to fit in portable

fly away kits to provide receiving capability on location. And if you just need a single output at your facility, this is the receiver model to choose.



## Compact Design

The short-depth chassis is perfect for racking in vehicles and portable fly away kits where space is a premium.



## Broad Compatibility

Receive and reconstruct broadcast-quality HEVC and AVC streams from all Dejero transmitters.



## IFB & Intercom Support

Communicate with camera operators and talent in the field while in live and stand-by mode with one-way, balanced interruptible foldback (IFB) and two-way, full-duplex voice communication intercom feature.



## Manage Anywhere

Manage all your receivers and output assignments remotely from any device with a web browser.

# Product Specifications

Key Functions	
Reconstructs	Broadcast-quality video transported over multiple IP connections
Decodes	HEVC or AVC
Outputs	To SDI or MPEG-TS IP workflows
3G-SDI Output	
Video	Formats: 1080p 23.98/25/30/50/59.94/60, 1080i 25/29.97/30, 720p 50/59.94/60, 576i 25, 480i 29.97
Audio	2-, 4-, or 8-channel for live transmission Note: Transmitters sending recorded clips will send 2- or 4-channels of audio
MPEG-TS Output	
Video	Formats: 1080p 23.98/25/30, 1080i 25/29.97/30, 720p 50/59.94/60, 576i 25, 480i 29.97 Bitrate: Constant, up to 30 Mb/s Codec: MPEG-4
Audio	2- or 4-channel Bitrate: Constant, up to 320 Kbps for each channel pair Codec: AAC-LC
Transport	Protocols: UDP, RTP
Data Network Connections	
Ethernet	2 x 1 Gb/s port for LAN/WAN
Power	
Supply	100-240 VAC 50/60 Hz AC
Consumption	Max. 100 W
Physical	
Dimensions (H x W x D)	1U short-depth 19" rackmount, 4.4 x 42.7 x 24.9 cm (1.7 x 16.8 x 9.8 inches)
Weight	4.2 kg (9.2 lbs)
Operating Temperature	-10 °C to 45 °C (14 °F to 113 °F)
Storage	35 hours of HD (6 Mb/s)
Interfaces	Genlock (BNC), SDI out (BNC), 2 x RJ45 Ethernet, IFB (3.5 mm microphone connector), 1x USB 2.0 (front), 4 x USB 3.0 (rear)



SDI out



Genlock



RJ45 Ethernet



IFB

# Key Features

- Multiple Output Formats
  - Supports SDI or MPEG-TS over IP playback workflows
- Codec Auto-Detection
  - Automatically detects and decodes HEVC or AVC without human intervention
- High Performance
  - Intel processor designed for all day, every day reliability
- Black Burst & Tri-Sync
  - Genlock input accepts black burst or tri-sync reference signals for video synchronization
- IFB & Intercom
  - One-way IFB and two-way full-duplex communications (additional hardware required)
- Multichannel Audio
  - Supports 2, 4, or 8 different simultaneous audio outputs
- Software Updates
  - New and enhanced features and compatibility with new devices is provided with software updates

Full specifications available at [dejero.com/waypoint](https://dejero.com/waypoint)



Contact us to learn more about WayPoint 50



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