

# Dejero

# WayPoint 3

Four-output 4K UHD receiver



The WayPoint 3 receiver reconstructs high-quality video with resolutions up to **4K UHD** transported over multiple IP connections from Dejero transmitters. It decodes HEVC or AVC and outputs to SDI or MPEG-TS workflows.

WayPoint 3 offers high-quality, reliable video transmission. With multi-camera feed support, it can receive up to four HD or two 4K UHD feeds.

Decoding up to four simultaneous ingests in a single 1U device with multiple output options, you gain flexibility and save valuable rack space in your facility.



## 4K UHD Live Video

Receive 4K UHD video transmissions from Dejero devices up to 60 frames per second and output to SDI or MPEG-TS workflows.



## IFB & Intercom Support

Communicate with field personnel 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.



## Codec Auto-Detection

Compatible with any Dejero transmitter, WayPoint receivers auto-detect whether the incoming transmission is HEVC (H.265) or AVC (H.264) and decodes accordingly.



## Built-In Redundancy

Engineered for reliability, WayPoint 3 uses industry-proven hot-swappable power supplies and front-access 1 TB hard drives with RAID protection for both power and storage redundancy.

# Product Specifications

## Key Functions

Reconstructs	Broadcast-quality video transported over multiple IP connections
Decodes	HEVC or AVC
Outputs	4 x 12G-SDI, MPEG-TS streams <i>Output Combinations</i> 2 x 4K UHD + 2 x up to HD 1 x 4K UHD + 3 x up to HD 0 x 4K UHD + 4 x up to HD

## SDI Output

Video	Formats: 4K UHD 2160p 23.98/24/25/29.97/30/50/59.94/60, 1080p 23.98/25/29.97/30/50/59.94/60, 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 23.98/25/29.97/30/50/59.94/60, 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
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## Power

Supply	2 x 100-240 VAC 50/60 Hz AC
Consumption	Max. 300 W (redundant)

## Physical

Dimensions (H x W x D)	1U 19" rackmount, 4.3 x 43.7 x 50.3 cm (1.7 x 17.2 x 19.8 inches)
Weight	9.5 kg (20.8 lbs)
Operating Temperature	5 °C to 45 °C (41 °F to 113 °F)
Storage	300+ hours of HD (6 Mb/s)
Interfaces	Genlock (BNC), 4 x 12G-SDI Out (BNC), 2 x USB 3.0, 2 x RJ45 Ethernet, 4 x IFB (1/4" TRS connectors), 2 x HDMI



# Key Features

## Multiple Output Formats

Up to 4 x HD (SDI or MPEG-TS) or 2 x 4K UHD

## High Performance

Quad-core Intel i7 processor designed for all day, every day reliability

## Front Access Storage

Two hot-swappable (front access) 1TB hard drives with RAID protection

## Black Burst & Tri-Sync

Genlock input accepts black burst or tri-sync reference signals for video synchronization

## Backwards Compatibility

Fully compatible with HEVC and non-HEVC Dejero transmitters

## 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

## Manage Anywhere

Manage all your receivers and output assignments remotely from any device with a web browser through Dejero Control

## 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 3

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