The WayPoint 204 receiver reconstructs broadcast-quality video transported over multiple IP connections from Dejero transmitters, decodes HEVC or AVC, and outputs to SMPTE 2110 workflows.

WayPoint 204 has been engineered for broadcast-quality reliability, equipped with dual power supplies and redundant storage hard drives with RAID protection giving you peace of mind.

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

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.

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.

Save Rack Space
A single device receives and outputs transmissions from up to four different sources simultaneously—optimizing valuable rack space in your facility.

Built-In Redundancy
Identical video streams can be passed over each of the two SFP ports per SMPTE 2022-7. Power and storage redundancy is provided by hot-swappable power supplies and 1TB hard drives with RAID protection.
## Product Specifications

### Key Functions

**Reconstructs**
- Broadcast-quality video transported over multiple IP connections

**Decodes**
- HEVC or AVC

**Outputs**
- 4 x SMPTE 2110 IP streams, with redundancy (SMPTE ST-2022-7)

### SMPTE 2110 Output

- **Video**
  - Formats: 1080p 23.98/25/30/50/59.94/60, 1080i 25/29.97/30

- **Audio**
  - 2-, 4-, or 8-channel for live transmission
  - Note: Transmitters sending recorded clips will send 2- or 4-channels of audio

### Video Network Connections
- 2 x 25 GbE SFP28

### Data Network Connections
- Ethernet: 2 x 1 Gb/s port for LAN/WAN

### Power

- **Supply**
  - 2 x 100-240 VAC 50/60 Hz AC

- **Consumption**
  - Max. 400 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**
  - 10 °C to 35 °C (50 °F to 95 °F)

- **Storage**
  - 300+ hours of HD (6 Mb/s)

- **Interfaces**
  - 2 x SFP28 Ethernet, 2 x RJ45 Ethernet, 4 x IFB (1/4" TRS connectors), VGA (DB9)

### Key Features

- **4 Outputs**
  - Supports four outputs to SMPTE 2110 workflows

- **High Performance**
  - Quad-core Intel Xeon processor designed for all day, every day reliability

- **Front Access Storage**
  - Two hot-swappable (front access) 1 TB hard drives with RAID protection

- **Video Network Redundancy**
  - Using SMPTE 2202-7, all video streams are on each SFP IP connection allowing for network routing optimization while live

- **Hot-Swappable Power Supplies**
  - Go from one power source to another without ever unplugging the server with built-in power redundancy

- **Backwards Compatibility**
  - Fully compatible with all 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

- **Software Updates**
  - New and enhanced features and compatibility with new devices is provided with software updates

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**Full specifications available at dejero.com/waypoint**

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**Contact us to learn more about WayPoint 204**

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