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 ULTRA HD**
Live Video
Receive 4K UHD video transmissions from Dejero devices up to 60 frames per second and output to SDI workflows.

**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 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.
Product Specifications

Key Functions

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

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<tr>
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<tbody>
<tr>
<td>Audio</td>
<td>2-, 4-, or 8-channel for live transmission</td>
</tr>
<tr>
<td></td>
<td>Note: Transmitters sending recorded clips will send 2- or 4-channels of audio</td>
</tr>
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MPEG-TS Output

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<tr>
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<tbody>
<tr>
<td>Audio</td>
<td>2- or 4-channel</td>
</tr>
<tr>
<td></td>
<td>Bitrate: Constant, up to 320 Kbps for each channel pair</td>
</tr>
<tr>
<td></td>
<td>Codec: AAC-LC</td>
</tr>
</tbody>
</table>

Transport

| Protocols: UDP, RTP           | |

Data Network Connections

| Ethernet                      | 2 x 1 Gbps port for LAN/WAN |

Power

<table>
<thead>
<tr>
<th>Supply</th>
<th>2 x 100-240 Vac 50/60 Hz AC</th>
</tr>
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<tbody>
<tr>
<td>Consumption</td>
<td>Max. 300 W [redundant]</td>
</tr>
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</table>

Physical

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

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, everyday reliability
- **Storage**
  - 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

Contact us to learn more about WayPoint 3

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