

Dejero

WayPoint 204

High-quality four-output SMPTE 2110 receiver



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
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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)



SFP28 Ethernet



RJ45 Ethernet



IFB

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

Full specifications available at dejero.com/waypoint



Contact us to learn more about WayPoint 204

Dejero

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

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