

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 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.

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



12G-SDI out



Genlock



RJ45 Ethernet



IFB

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

Storage

1 TB 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

Dejero

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

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