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
	Output Combinations
	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 Kb/s for each channel pair
	Codec: AAC-LC
Transport	Protocols: UDP, RTP

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. 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