

Dejero

WayPoint

HEVC capable four-output receiver



WayPoint is an HEVC capable four-output receiver that reconstructs video transported over IP networks from Dejero transmitters and supports HEVC decodes to SDI or IP (MPEG-TS over IP) playout workflows.

Its 1U form-factor is designed to fit into the server racks in your facility and seamlessly integrate with your existing broadcast infrastructure.

WayPoint has been engineered to be highly reliable and flexible—it's equipped with dual-redundant power supplies and redundant storage RAID hard drives giving you the reliability you need.



EFFICIENT

HEVC (H.265) DECODING

Deliver higher quality video at lower bitrates; especially helpful in challenging cellular network conditions when bandwidth is limited.



AUTO-DETECTION

CODEC AUTO-DETECTION

Compatible with any Dejero transmitter, WayPoint auto-detects whether the incoming transmission is HEVC (H.265) or AVC (H.264) and decodes accordingly.



SAVINGS

SAVE RACK SPACE

Four outputs allow you to receive transmission from up to four different sources simultaneously—optimizing rack space in your facility.



RELIABLE

BUILT IN REDUNDANCY

Engineered for reliability, WayPoint uses industry-proven components including redundant, hot-swappable power supplies and RAID storage.

PRODUCT SPECIFICATIONS

HD/SD-SDI OUTPUT

VIDEO	Resolutions: 480i 29.97, 576i 25, 720p 50/59.94/60, 1080i 25/29.97/30, 1080p 23.98/25/30/50/60
AUDIO	2-, 4-, or 8-channel for live transmission Note: Transmitters sending recorded clips will send 2- or 4-channels of audio.
RECORDING	300+ hours of HD (6 Mb/s)

MPEG-TS OUTPUT

VIDEO	Resolutions: 480i 29.97, 576i 25, 720p 50/59.94/60, 1080i 25/29.97/30, 1080p 23.98/25/30 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

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

PHYSICAL

DIMENSIONS	1U 19" rackmount, 4.3 x 43.7 x 50.3 (1.7" H x 17.2" W x 19.8" D)
WEIGHT	9.5 kg (20.8 lbs)
OPERATING TEMPERATURE	10° C to 35° C (50° F to 95° F)
CONNECTORS	Genlock (BNC), 4 x SDI Out (BNC), 2 x RJ45 Ethernet, 4 x IFB (quad ¼" TRS connectors), 2 x USB 3.0 (front), 2 x USB 3.0 (back), 2 x USB 2.0 (back), VGA



GENLOCK



SDI OUT x 4



ETHERNET x 2

KEY FEATURES

MULTIPLE OUTPUTS

Supports four outputs to SDI or IP (MPEG-TS) playout workflows

FOUR CHANNEL BALANCED IFB

Four channels of balanced IFB for superior audio quality

QUAD-CORE PROCESSING

Quad-core high performance 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

BUILT-IN REDUNDANCY

Dual redundant power supplies, replaceable while WayPoint is in use

BLACK BURST AND TRI-SYNC COMPATIBLE

Genlock input accepts black burst or tri-sync reference signals for video synchronization

BACKWARDS COMPATIBILITY

Fully backward compatible with all non-HEVC Dejero transmitters

DEJERO CONTROL

Route content to any WayPoint output with our cloud management tool

Contact us to learn more about WayPoint

Dejero

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