Dejero

WayPoint 50

One-output compact receiver

The WayPoint 50 receiver reconstructs broadcast-quality video transported over multiple IP connections from a Dejero transmitter, decodes HEVC or AVC, and outputs to SDI or MPEG-TS workflows.

WayPoint 50 receivers fit in short-depth 19" rack systems, making them a great choice for production vehicles where space is a premium. They are also designed to fit in portable fly away kits to provide receiving capability on location. And if you just need a single output at your facility, this is the receiver model to choose.

COMPACT DESIGN

The short-depth chassis is perfect for racking in vehicles and portable fly away kits where space is a premium.
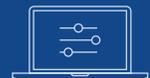
BROAD COMPATIBILITY

Receive and reconstruct broadcast-quality HEVC and AVC streams from all Dejero transmitters.

IFB SUPPORT

Communicate with camera operators and talent in the field while in live and stand-by mode.

MANAGE ANYWHERE

Manage all your receivers and output assignments remotely from any device with a web browser.

PRODUCT SPECIFICATIONS

KEY FUNCTIONS

RECONSTRUCTS	Broadcast-quality video transported over multiple IP connections
DECODES	HEVC or AVC
OUTPUTS	To SDI or MPEG-TS IP workflows

3G-SDI OUTPUT

VIDEO	Formats: 1080p 23.98/25/30/50/59.94/60, 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 23.98/25/30, 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

NETWORK CONNECTIONS

ETHERNET	2 x 1 Gb/s port for LAN/WAN

POWER

SUPPLY	100-240 VAC 50/60 Hz AC
CONSUMPTION	Max. 100 W

PHYSICAL

DIMENSIONS (H x W x D)	1U short-depth 19" rackmount, 4.4 x 42.7 x 24.9 cm (1.7 x 16.8 x 9.8 inches)
WEIGHT	4.2 kg (9.2 lbs)
OPERATING TEMPERATURE	-10 °C to 45 °C (14 °F to 113 °F)
STORAGE	35 hours of HD (6 Mb/s)
INTERFACES	Genlock (BNC), SDI out (BNC), 2 x RJ45 Ethernet, IFB (3.5 mm microphone connector), 1 x USB 2.0 (front), 4 x USB 3.0 (rear)

GENLOCK   SDI OUT   RJ45 ETHERNET   IFB

ADDITIONAL FEATURES

MULTIPLE OUTPUT FORMATS

Supports SDI or MPEG-TS over IP playout workflows

CODEC AUTO-DETECTION

Automatically detects and decodes HEVC or AVC without human intervention

HIGH PERFORMANCE

Intel processor designed for all day, every day reliability

BLACK BURST AND TRI-SYNC

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

MULTICHANNEL AUDIO

Supports 2, 4, or 8 different simultaneous audio outputs

SOFTWARE UPDATES

New and enhanced features and compatibility with new devices is provided with software updates

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