

Dejero

FlexPoint 111

Rack-mounted transceiver



The Dejero FlexPoint 111 transceiver is an integrated encoder and decoder that transmits and receives resolutions up to 4K UHD.

Serving as both a transmission source and as a receiver, FlexPoint is ideal for smaller stations that require only a single input and output, or deployed to send and receive feeds across the Dejero MultiPoint video distribution network.

FlexPoint 111 is designed to transport broadcast quality video over Dejero's virtual blended network. Whether used for live broadcasts or transporting recorded content, FlexPoint 111 integrates seamlessly into your contribution and distribution workflows.



4K UHD LIVE VIDEO

Encode/decode 4K UHD live video up to 60 frames per second, transmit at up to 60 Mb/s, or record at up to 30 Mb/s. FlexPoint 111 meets the requirements of the most demanding scenarios including high-motion content such as sports.



BUILT-IN REDUNDANCY

Engineered for reliability, FlexPoint 111 uses industry-proven hot-swappable power supplies and front-access 512 GB hard drives with RAID protection for both power and storage redundancy.



RACK SPACE SAVINGS

A single FlexPoint 111 transceiver can be used to simultaneously transmit and receive live transmissions—optimizing valuable rack space in your facility.



MANAGE ANYWHERE

Manage all your transceivers and output assignments remotely from any device with a web browser from our cloud-based management system.

PRODUCT SPECIFICATIONS

KEY FUNCTIONS

TRANSMIT AND RECEIVE	Simultaneously transmit and receive live transmissions
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VIDEO

INPUT FORMATS	2160p 50/60, 1080p 23.98/25/30/50/59.94/60, 1080i 25/29.97/30, 720p 50/59.94/60, 576i 25, 480i 29.97
ENCODING AND DECODING	H.265 HEVC, adaptive bitrate and MPEG-4 (H.264 AVC)
OUTPUT FORMATS	12G/3G/HD/SD-SDI
RECORDING	150+ hours of HD (6 Mb/s)

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)
INTERFACES	Genlock (BNC), SDI In (BNC), SDI Out (BNC), 2 x RJ45 Ethernet, IFB Input (1/4" TRS Connector)



GENLOCK



SDI IN



SDI OUT



RJ45 ETHERNET



IFB

ADDITIONAL FEATURES

REAL-TIME COMMUNICATIONS

Communicate with camera operators and talent in the field while in live and stand-by mode with one-way, interruptible foldback (IFB) voice communication.

CODEC AUTO-DETECTION

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

QUAD-CORE INTEL XEON PROCESSOR

High performance processing designed for all day, every day reliability

VIDEO SYNCHRONIZATION

Genlock input accepts black burst or tri-sync reference signals

MULTICHANNEL AUDIO

Choose 2, 4, or 8 different simultaneous audio inputs

SOFTWARE UPDATES

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

Contact us to learn more about FlexPoint 111

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Full specifications available at www.dejero.com/flexpoint

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