

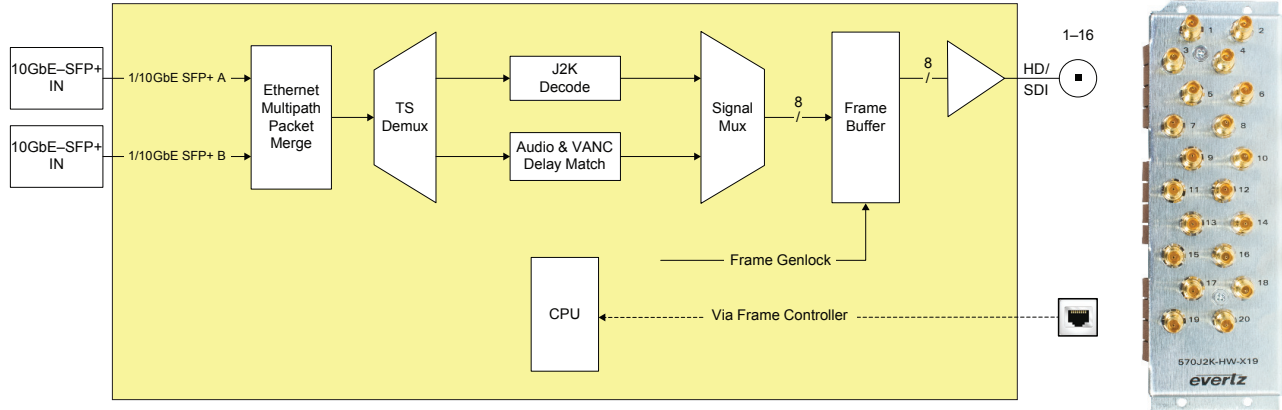
# 570REM-RX8-10GE

8x J2K Decoders driving 2x UHD or 8x 3G SDI Inputs, 4x 10GbE SFP Cages

The 570REM-RX8-10GE is a high performance multi-channel JPEG2000 decoding platform. The exceptional density of the 570REM-RX8-10GE enables up to 8x channels of 3G, HD/SDI, SD/SDI or up to 2x channels of UHD JPEG2000 decoding. The 570REM-RX8-10GE provides 2x SDI outputs for every JPEG2000 decode.

The 570REM-RX8-10GE incorporates patent-pending multi-path, multi-flow packet merge base network bit error resilience for 100% QoS.

The 570REM-RX8-10GE can be managed via integrated HTTP web interface as well as SNMP management via Frame Controller.



## Features & Benefits

- 8x 3G/HD/SD or 2x UHD JPEG2000 decodes with 2x SDI decoded outputs per JPEG2000 decode
- Standards Supported: 3840x2160p/59.94/50 (Quad Division or 2SI), 1080p/59.94/50 Level A, 1080i/59.94/50, 720p/59.94/50, 625i/50 and 525i/59.94
- Support VSF TR-01 v2
- 4x groups of audio embedded on SDI output
- Full VANC de-encapsulation and embedding on SDI outputs
- Modules support control over frame controller or direct Ethernet interface. SNMP control from VistaLINK PRO or MAGNUM Unified Control.
- Built-in frame sync to lock output video to genlock

## Specifications

### Serial Digital Video:

Standards: SMPTE ST 424M (3 Gb/s), SMPTE ST 292M (1.5 Gb/s), SMPTE ST 259M (270 Mb/s)

### Serial Video Input:

Number of Inputs: Not Applicable  
Input Equalization: NA  
Return Loss: NA

### Serial Video Output:

Number of Outputs: 16x SDI  
Connector: DIN  
Rise and Fall Time: Per SMPTE spec

### IP Input:

Ethernet Interface: 4x 10GbE SFP/SFP+  
Ethernet/IP Signaling: Multicast IGMP V2/V3 (SSM Support)

### Embedding of HANC & VANC:

4x Groups Audio pass-through per encoder  
All type of VANC data pass-through

### Electrical:

Power: 90W  
Voltage: 12VDC  
EMI/RFI: Complies with FCC Part 15, Class A  
EU EMC directive

### Enclosures:

570FR: 3RU chassis  
1RU chassis

### Physical (number of slots):

570FR: 2  
S570FR: 2

## Ordering Information

**570REM-RX8-10GE** 8x J2K Decoders driving 2x UHD or 8x 3G/HD/SD SDI output, 4x 10GbE SFP Cages (SFP+ sold separately)

### SFP Modules:

**SFP10G-TR13-A**  
**SFP10G-TR85-A**

10GbE Optical SFP+  
SFP+ Optical Transceiver, 10Gbs, 850nm, MMF