

PacketStorm

Capture & Replay System



Features and Description:

The PacketStorm CRS is a packet capture and replay system with hardware time stamping up to 100 Gbps . The user specifies which packets to capture based on the filter parameters. The CRS file management includes automatic file compression and decompression. Operation is via the console, VNC, or the remote GUI. PTP or NTP Timestamping. File Segmentation to reduce analysis loading time.

Special Decodes:

- ST 2022
- ASPEN*
- Sony NMI**
- PTP
- ST 2110
- RFC—4175

Filters:

- IPv4
- Source
- Destination
- Port Numbers
- Protocol

Interfaces:

- 1G / 10G Sfp+
- 10G / 25G Sfp28
- 10G / 25G / 100G Qsfp28

Capture Depth:

- Standard: 10 GB
- Optional: 20 GB



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Ordering Information

CRS-2-10G	Capture and Replay System—with (2) 1G / 10G Ethernet Ports
CRS-4-10G	Capture and Replay System—with (4) 1G / 10G Ethernet Ports
CRS-2-25G	Capture and Replay System—with (2) 10G / 25G Ethernet Ports
CRS-4-25G	Capture and Replay System—with (4) 10G / 25G Ethernet Ports
CRS-2-100G	Capture and Replay System—with (2) 10G / 25G / 100G Ethernet Ports
CRS-4-100G	Capture and Replay System—with (4) 10G / 25G / 100G Ethernet Ports
CRS-4-1025G	Capture and Replay System—with (2) 1G/10G and (2) 10G/25G Ethernet Ports
CRS-4-10100G	Capture and Replay System—with (2) 1G/10G and (2) 10G/25G/100G Ethernet Ports
CRS-4-25100G	Capture and Replay System—with (2) 10G/25G and (2) 10G/25G/100G Ethernet Ports
CRS-EM	Extended Memory—20GB Capture
CRS-Aspen	Aspen Protocol Decoding Plug-In*
CRS-Sony	Sony NMI Decoding Plug-In**

*** Aspen Protocol**

The CRS support Aspen Protocol Decoding Plug-In. The ASPEN offers a robust format for encapsulating uncompressed Ultra HD/3G/HD/SD over MPEG2 transport streams (TS). When combined with existing SMPTE standards such as SMPTE ST 302 (audio over TS), SMPTE ST 2038 (ancillary data over TS) and the SMPTE 2022 family of IP standards, ASPEN provides broadcasters with a flexible method of transporting video, audio, and data over scalable IP networks. Ultra low latency with independent video, audio and ancillary data flows also makes AS-

**** Sony NMI**

The CRS support decoding Sony Networked Media Interface (NMI) with a Decoding Plug-In. Sony's Networked Media Interface packetises and transmits video, audio, and metadata in realtime over standard network infrastructures. The NMI technology enhances Sony's IP Live Production system, making live studio and sports broadcasts more efficient and less expensive.

