HYPERION400

Ready for the Extreme at 400Gbps



Removable Storage

Up to 2.9PB, NVMe TCG®
Opal SSC Encryption-Ready Drives
(SEDs)

Weight

39kg (86lbs)

Size (Footprint)

Width	44.8cm (17.6in)
Height	8.6cm (3.4in)
Depth	85cm (33.5in)



Capture & Replay Ports

Capture & Replay Ports

Power

120/240 AC, 2700 Watts
High-Efficiency, Dual Redundant Supply

daqscribe

daqscribe
The Ethernet Recorder Company



HYPERION400

Specification	Description
Hardware Time Stamp	• Resolution: 1 ns, Stratum 3 compliant TCX • Time formats: PCAP-ns/-us, UNIX 10 ns, 1 ns
Timing/Synchronization	• OS time synchronization • SMA interface for PPS (optional) • RJ45 100/1000BASE-T interface for IEEE 1588 PTP and SyncE support (optional)
Data Format	• PCAP or NTCAP format (capture/record only) • API & example C code for data parsing and extraction
In-line FPGA Data Processing (Optional Features)	• Real-time FPGA in-line packet filtering • Packet Filtering based on Layer2, Layer3, and Layer4 criteria • Merging traffic from all ports into one stream • Slicing at fixed or dynamic offset • Traffic retransmission from one port to another while capturing
Storage Options	• NVMe TCG® Opal SSC encryption-ready drives (SEDs) • Storage capacity 15TB to 2880TB (2.9PB) • Additional storage drive pack option available
CPU & Memory	• AMD EPYC CPU x 2 • System Memory from 192GB to 2TB
Peripherals	• Front: Power switch/LED, ID switch/LED, 2xUSB3.2 • Rear: 2xUSB3.2, 1xVGA DSUB15 port (1600x1200 resolution) • Rear: 2x1/10GbE RJ45, 1xGbE RJ45 dedicated for IPMI
Data Offload Port Options	• 10GbE: 2 or 4 ports RJ45, 2 or 4 ports SFP+ • 40GbE: 1 or 2 ports QSFP+ • 100GbE: 1 or 2 ports QSFP28 • 200GbE: 1 or 2 ports QSFP56
Temperature & System Cooling	• Operating Temperature: 0°C to 35°C (50°F to 95°F) • Non-Operating Temperature -40°C to 70°C (-40° F to 158°F) • Operating Humidity: 90%, non-condensing at 35°C • 6x40mm PWM cooling fans, front to rear airflow
Mounting/Transport	• 2U chassis rail kit included

Optimized Platform Speed Options	Capture & Replay Port Options	Storage Options
400Gbps 200Gbps 160Gbps	QSFP56 (200GbE) QSFP28 (100GbE) QSFP+ (40GbE) SFP28 (25GbE) SFP+ (10GbE)	15TB – 2880TB (2.9PB)