MDR SILVER50

Light. Compact. 50Gbps & **Ready**

Storage

Up to 120TB, NVMe
Enterprise Grade Drives

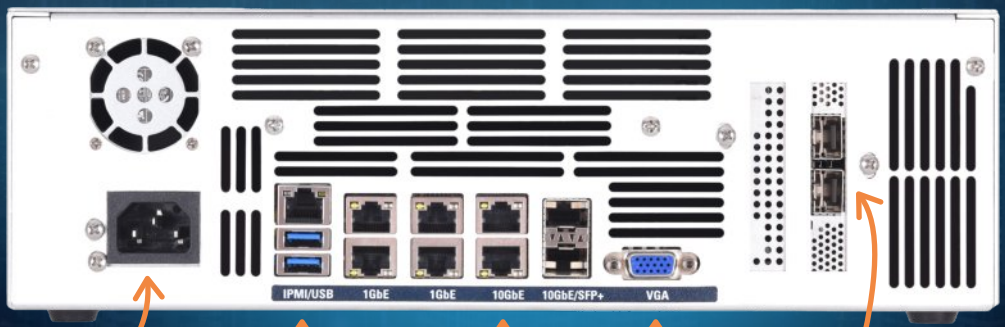
Size (Footprint)

Width	33cm (13in)
Height	9.6cm (4in)
Depth	22.6cm (8.9in)



Weight

5kg (11 lbs)



Power

120/240 AC
300 Watts

IPMI/USB 3.0

Data Offload Ports

VGA

Capture & Replay Ports

SFP+	10GbE
SFP28	25GbE

daqscribe

daqscribe
The Ethernet Recorder Company



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Specification	Description
Hardware Time Stamp	• Resolution: 4 ns, Stratum 3 compliant TCX • Time formats: PCAP-ns/-us, UNIX 10 ns, 1 ns
Timing/Synchronization	• OS time synchronization • Rx Time Stamp
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	• High endurance Enterprise NVMe solid state drive • Optional NVMe TCG® Opal SSC encryption-ready drives (SEDs) • Storage capacity 8TB to 120TB • Optional removable storage drives upon request
CPU & Memory	• Intel Xeon SoC: 4 cores to 16 cores • System Memory from 32GB to 256GB
Peripherals	• Front: Power switch/LED, Reset switch, Drive LED, Network LEDs, System Status LED • Rear: 2xUSB3.0, 1xVGA DSUB15 port (1920x1080 resolution) • Rear: 1xGbE RJ45 dedicated for IPMI
Data Offload Options	• 1GbE: 4 ports RJ45 • 10GbE/25GbE: 2 ports SFP+/SFP28
Temperature & System Cooling	• Operating Temperature: 0°C to 40°C (32°F to 104°F) • Non-Operating Temperature -40°C to 70°C (40°F ~ 158°F) • Operating Humidity: 10~85% (non-condensing) • 1 x 80mm, 1 x 60mm, 4 x 40mm PWM cooling fans
Transport	• Durable Carrying Case

Platform Speed Options	Link Options	Storage Options
20Gbps 50Gbps	SFP+ (10GbE) SFP28 (25GbE)	8TB, 15TB, 30TB, 60TB, 120TB