MDR PLATINUM100

Portable. 100Gbps & **Ready**

Size

Width	29.2cm (11.5in)
Height	14cm (5.5in)
Depth	25.4cm (10in)

Weight

6kg (13lbs)

Storage

Up to 240TB, NVMe
Enterprise Grade Drives



Power

120/240VAC, 350 Watts



IPMI/USB 3.0

VGA

Data Offload Ports

Capture & Replay Ports

SFP+	10GbE
SFP28	25GbE
SFP28	10/25GbE
QSFP+	40GbE
QSFP28	100GbE

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The Ethernet Recorder Company



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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	• High endurance Enterprise NVMe solid state drive • Optional NVMe TCG® Opal SSC encryption-ready drives (SEDs) • Storage capacity 8TB to 240TB
CPU & Memory	• AMD EPYC™ 7003 • System memory from 32GB to 128GB
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 IPM
Data Offload Options	• 1/10GbE: 2 ports RJ45
Temperature & System Cooling	• Operating Temperature: 0°C to 40°C (32°F to 104°F) • Non-Operating Temperature -40°C ~ 70°C (-40°F ~ 158°F) • Operating Humidity: 10~85% (non-condensing) • 2 x 60mm PWM cooling fans, 2 x 92mm PWM cooling fans
Mounting	• Durable Carrying Case

Platform Speed Options	Link Options	Storage Options
40Gbps 50Gbps 80Gbps 100Gbps	SFP+ (10GbE) SFP28 (25GbE) QSFP+ (40GbE) QSFP28 (100GbE)	8TB, 15TB, 30TB, 60TB, 120TB, 240TB

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