MDR MINI20

Ultra Thin. 20Gbps & Ready



Size

Width	25.4cm (10in)
Height	4.3cm (1.7in)
Depth	22.6cm (8.9in)

Weight

2.5kg (5.5lbs)

Capture & Replay Ports

SFP+/RJ45	1/10GbE
SFP+	10GbE





Storage

Up to 30TB, NVMe Enterprise Grade Drives

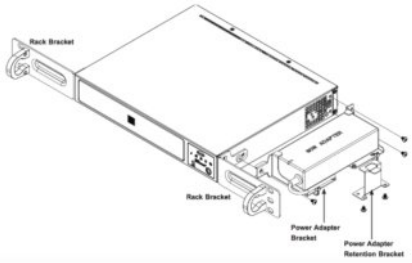
daqscribe

daqscribe
The Ethernet Recorder Company



MDR MINI20

Specification	Description
Hardware Time Stamp	• Resolution: 4 ns, Stratum 3 compliant TCXO • Time formats: PCAP-ns/-µs, UNIX 10 ns
Timing/Synchronization	• OS time synchronization (default) • 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
Storage Options	• High endurance Enterprise NVMe solid state drive • Optional NVMe TCG® Opal SSC encryption-ready drives (SEDs) • Storage capacity 4TB to 60TB
CPU & Memory	• Xeon SoC: Options from 4 to 16 cores • System memory: Options from 16GB to 256GB
Peripherals	• Front: Power switch, Reset switch & 6 x LED indicators • Rear: 2xUSB 3.0, 1xVGA DSUB15 port (1920x1080 resolution) • Rear: 1xGbE RJ45 dedicated for IPMI
Data Offload Options	• 1/10GbE: 2 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 to 158°F) • Operating Humidity: 10~85% (non-condensing) • 3 x 40mm PWM cooling fans
Mounting	• Durable carrying case • Optional 1U rackmount kit



Platform Speed Options	Link Options	Storage Options
20Gbps	SFP+/RJ45 (1/10GbE) SFP+ (10GbE)	4TB, 7TB, 15TB, 30TB, 60TB