

EndaceProbe 124









EndaceProbe™ 124 Network Recorders provide 100% accurate network history recording and Playback on up to four 1/10GbE links or one 40GbE link.

The EndaceProbe 124's compact short-depth form factor allows it to be deployed in either half-depth or full-depth racks as required. With 3.84TB of storage, it is ideal for monitoring 1/10/40GbE links at branch offices or other edge locations.

Multiple EndaceProbes can be seamlessly connected to form a scalable, centrally managed recording fabric with capacity for Petabytes of network history storage.

THE ENDACEPROBE 124 AT A GLANCE

	Write to disk	1Gbps sustained
	Maximum Flow Creation Rate	20k flows/sec
	Maximum Concurrent Flows	200k
	Number of Application Dock Instances	2
	Storage depth	3.8 Terabytes
	Physical size	1RU short-depth, compact form factor



Network History Playback

High-speed, on-demand Playback of Network History direct to hosted or external analytics tools, or for analysis by SecOps and NetOps teams.

- Playback history fast to 3rd-party analytics using new zero-day rules
- Playback history slowly for deeper investigation
- Find and retrieve packet captures for manual analysis
- Investigate micro-second length events.



Analytics Workflow Integration

Rich APIs enables tight integration with commercial, open source and custom applications.

- Pivot directly to the packets of interest from your 3rd party application
- Pivot directly into the on-board EndaceVision™ and EndacePackets™ investigation tools
- Investigate security and network events without packet traces needing to leave the EndaceProbe.

BENEFITS

Accurate

On demand access to 100% accurate, rich network history provides conclusive evidence for investigations.

Powerful

Automation and streamlined workflow integration enables faster investigations, improving security and reducing the impact of network and application performance issues.

Open

Integrating commercial, open source and custom applications provides unified access to a single authoritative source of network history.

Analytics Function Virtualization (AFV) reduces CAPEX and OPEX through hardware consolidation, improved efficiency and increased agility.

Scalable and Reliable

EndaceProbes are engineered for ultra-high reliability, longevity and security. Centralized management enables scalability and reduces OPEX costs.



Provenance Enriched History

Provenance™ augments recorded network history with rich contextual data.

- Easier problem resolution after the fact
- Self describing packet traces enable Big Data analysis and simplify archiving
- DPI based application classification for more than 1200 applications
- Richer evidential trail for effective legal prosecution.



Virtualized Analytics Functions

The EndaceProbe’s Application Dock™ provides hosting for custom, commercial or open source analytics applications, giving them access to both real-time and recorded traffic.

- Central orchestration for quick and easy deployment. No more truck rolls of analytics appliances
- Enable or disable analytics functions on-demand
- Roll out new analytics functions quickly to meet emerging requirements
- Analyze network history where it resides instead of forwarding petabytes of history across the management network
- Leverage the EndaceProbes distributed storage architecture for big savings on SAN/NAS storage costs.



Fusion Partner Program

Endace’s Fusion Partner Program is an ecosystem of market-leading cybersecurity and network monitoring vendors. Endace Fusion Partners leverage the EndaceProbe’s API integration and Application Dock hosting to connect their solutions directly to network history, streamlining and automating detection and investigation

- Choose from industry-leading security and performance solutions
- Give all your chosen applications access to a common, authoritative source of network history for a unified view of network security and performance.



This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the Federal Communications Commission [FCC] Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction document, may cause harmful interference to radio communications.

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EndaceProbe 124 Series – Technical Specifications

Monitoring ports	4 x 1/10GbE or 1 x optical 40GbE
Management interfaces	2x 1GbE, 1x IPMI
Time synchronization	1 configurable as either 1PPS or IRIG-B
Size	1U 19 inch rack mount - “short depth” compact form factor
Dimensions	Height: 43.2mm (1.7”) Width: 437mm (17.2”) Length: 249mm (9.8”)
Weight	3.62kg (8 lbs)
Power supply	200W AC
Maximum power consumption	200W
Operating temperature	10-35°C (50-95°F)
Operating humidity	8-90% non-condensing
Maximum heat load	376 BTU/hr
Cable Connections	Front panel management and monitoring connections. Rear panel power connection.
Airflow	Front panel intake, rear panel exhaust.

Companion Products

A wide range of fiber optics and electrical transceivers is available. See endace.com/accessories for details.

For more information on the Endace portfolio of products, visit: endace.com/products

For further information, email: info@endace.com