EndaceProbe™ 114 Series Analytics Platforms provide 100% accurate Network History recording and Playback™ on up to four 10/100/1000BASE-T or optical 1GbE links.

The EndaceProbe 114’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 10/100Mb and 1Gb links at branch offices or other edge locations.

Compression enables effective storage depth of more than 7 Terabytes.

Application Dock™ allows your choice of security and performance monitoring and analytics applications to be hosted directly on the EndaceProbe. Hosted applications can access live traffic for real-time analysis or, using Playback, recorded traffic for back-in-time analysis.

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

**100% Accurate Recording**

Dedicated hardware provides lossless capture with nanosecond accurate timestamping

- Compression maximizes storage
- Definitive evidence for quickly and accurately resolving security threats and network or application performance problems

**Built-In Investigation Tools**

- Analyze Network history with EndaceVision™, a powerful, browser-based traffic analysis tool
- Decode packets without download using hosted Wireshark™
- Analyze to microsecond level with Microvision
- Application classification for 1200+ applications

**PERFORMANCE**

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Write to disk</td>
<td>500Mbps sustained</td>
</tr>
<tr>
<td>Maximum Flow Creation Rate</td>
<td>20k flows/sec</td>
</tr>
<tr>
<td>Maximum Concurrent Flows</td>
<td>200k</td>
</tr>
<tr>
<td>Number of Application Dock Instances</td>
<td>2</td>
</tr>
<tr>
<td>Storage depth</td>
<td>Native 3.8 Terabytes</td>
</tr>
<tr>
<td>Packets2 &gt; 7 Terabytes</td>
<td></td>
</tr>
<tr>
<td>Physical size</td>
<td>1RU short-depth, compact form factor</td>
</tr>
</tbody>
</table>

1 For more information about real-world performance testing refer to our “Network Recorder Performance Measurement” whitepaper. Performance above tested using OSm 7.0 with EndaceProbe set to performance mode and 20degC ambient temperature
2 Effective packet storage accounting for RAID and metadata overheads and assuming a 2:1 ratio for compression of packet data

**BENEFITS**

**100% Accurate**

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

**Powerful**

Automation and streamlined workflow integration enables faster investigations. This improves security and reduces 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 which improves efficiency and increases agility.

**Scalable and Reliable**

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

Deploy your chosen security or performance monitoring tools on EndaceProbe without truck rolls or hardware upgrades.

- Central orchestration for fast, easy deployment.
- Enable analytics functions on-demand to meet new requirements
- Analyze network history without centralizing petabytes of data.

Workflow Integration

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

- Pivot directly from alerts in 3rd-party applications to view related packets of interest in EndaceVision™ with Pivot-to-Vision
- Automate archival of packet traces with Pivot-to-Packets.

Secure

Only authorized users can view or download packet data.

- Role Based Access Control (RBAC) restricts who can access data.

Network History Playback

Playback Network History on-demand to hosted or external analytics tools.

- Playback quickly for targeted scans or slowly for deep investigation
- Playback to real-time analytics tools for historical analysis
- Mine network history, extract and download packet capture files for manual analysis.

Provenance Enriched History

Provenance™ augments recorded network history with rich contextual data.

- Self-describing packet traces support Big Data analysis, improve post-event problem resolution and simplify archiving
- Rich evidential trail for effective legal prosecution.

EndaceProbe 114 Series – Technical Specifications

<table>
<thead>
<tr>
<th>Monitoring ports</th>
<th>Up to 4 x 10/100/1000BASE-T or optical 1GbE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management interfaces</td>
<td>2x 1GbE, 1x IPMI</td>
</tr>
<tr>
<td>Time synchronization</td>
<td>1 configurable as either 1PPS, IRIG-B or PTP</td>
</tr>
<tr>
<td>Size</td>
<td>1U 19 inch rack mount - “short depth” compact form factor</td>
</tr>
</tbody>
</table>
| 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 | 110W |
| Operating temperature | 10-35°C (50-95°F) |
| Operating humidity | 8-90% non-condensing |
| Maximum heat load | 376 BTU/hr |

Fusion Partner Program

Our market-leading, cybersecurity and network monitoring partners use EndaceProbe's API integration and Application Dock™ VM hosting to connect their solutions directly to Network History.

- Streamline and automate detection and investigation
- Choose from industry-leading security and performance solutions
- Shared access to a common, authoritative source of network history for all applications.

Companion Products

A wide range of fiber optics and electrical transceivers is available. Contact sales@endace.com for details.

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

For further information, email: sales@endace.com

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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