

# GigaStor™ Probe

## Advanced Multi-Probe for Massive Data Collection and Storage

### Capture Terabytes of Data at Wire-Speed

As networks get faster, data loads increase. Today's network problems have become more elusive and more complex. Enterprise IT administrators at transaction and data-heavy corporations have to deal with some of the most complex network issues while continuing to worry about computer hacking and intellectual property theft. To solve these issues, administrators need the ability to capture days or even weeks worth of network traffic directly to disk for comprehensive analysis. The Network Instruments GigaStor Probe is a cost-competitive, reconstructive network analysis appliance ideal for network administrators that require the full story into what is happening on their network. This high-powered, high-capacity probe is best for data mining, data retention compliance, and capturing network anomalies, including network forensics.

The GigaStor Probe combines a multi-terabyte, high-performance RAID array with proprietary software allowing ultra fast capture-to-disk technology, and a full-duplex gigabit capture interface in an easy-to-deploy unit.

#### High-Performance

- Sustained write speeds of up to 70MB/s
- Bursts up to 130MB/s
- Exclusive Network Instruments proprietary software to provide ultra-fast capture-to-disk technology

#### High-Capacity

- Capture multiple terabytes of network data
- Save days, even weeks of network traffic
- Industry-leading 4GB memory buffer

#### Easy-to-Deploy

- 4U rack mount unit
- Fits seamlessly into the Network Instruments Distributed Network Analysis (NI-DNA) architecture
- Reports back to the award-winning Expert Observer or Observer Suite console
- Can be configured as a local console for on-site analysis

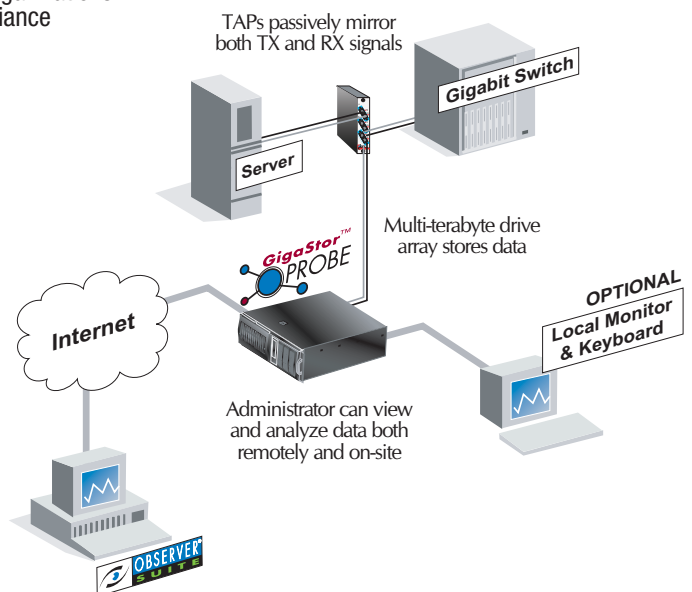
#### Ideal For

- Network forensics
- Data-mining
- Transaction-heavy organizations
- Data retention compliance



#### Driven by NI-DNA™

Driven by a vision of complete control to ensure network and application performance, all Network Instruments products are created using the Distributed Network Analysis (NI-DNA) architecture to provide the capabilities needed to manage complex, growing environments.



## Proven Analysis Metrics

**Real-Time Statistics** such as Network Summary, Bandwidth Utilization, Top Talkers, Switch Statistics and more

**Packet Capture and Decode** features such as Nanosecond Resolution, a 4GB Memory Buffer, over 500 protocols decoded and more

**Network Trending and Reporting** features such as Network Trending Dashboard Display, Efficiency History, Comparison Analysis Reports and more

## GigaStor Probe Features

- Insert and remove the GigaStor Probe without disruption of the gigabit network
- Flexible filtering technology not only controls what is capture and stored; it can also mine stored data using the same interface
- Obtain full-duplex, wire-speed gigabit capture and statistics
- Review statistics and perform packet captures and decodes that adhere to RMON1, RMON2 and HCRMON standards
- Ensure accurate captures on fully saturated networks with a 64-bit, 66 MHz Gigabit Ethernet card engineered by Network Instruments

## Utilize with Expert Observer or Observer Suite

The GigaStor Probe works with the award-winning Expert Observer or Observer Suite console to provide the most comprehensive packet-capture, decode, real-time statistics, expert analysis, network trending and network reporting selection in the industry.

Observer features include:

- Nanosecond resolution for enterprise-level networks
- Graphical filter rule editor makes creating complex filters effortless
- Over 500 protocols and countless sub-protocols decoded
- Over 450 Expert Events to speed troubleshooting
- Triggers and Alarms for immediate alerts on network activities or errors
- Application Analysis statistics including response time and total/failed transactions for common applications such as SQL, MS Exchange, Oracle, VoIP, DNS and more

## Technical Specifications

Platform	4U Rack Mount Probe
System Specs	A complete system, running Windows XP Multi-Terabyte Hard Drive High-performance RAID array Includes 10/100/1000 Ethernet Management Port Utilizes 64-bit, 66MHz, Gigabit Ethernet NIC

### 10 Years of Delivering Network Visibility



In 1994, Network Instruments began with a vision - to bring innovative network management products, service and insight to IT professionals across the globe. After a decade of delivering award-winning products, we've upheld that vision - but there's more to come. Thanks to our employees, customers, partners and worldwide distributors for ten wonderful years. We're not done yet. Keep your eye on Network Instruments as we continue to bring market-leading innovation, product enhancements and cutting-edge development to prepare you for the network challenges of tomorrow. For more information please visit [www.networkinstruments.com/10years](http://www.networkinstruments.com/10years).

## About Network Instruments

Network Instruments is the industry leading developer of superior, user-friendly, and affordable network management, analysis and troubleshooting solutions. The award-winning Observer family of products combines a comprehensive management and analysis console with high-performance remote Probes to provide integrated monitoring and management for the entire network (LAN, 802.11 a/b/g, Gigabit, WAN). All Network Instruments products are designed utilizing our Distributed Network Analysis (NI-DNA) architecture. With NI-DNA, the Observer solution set simplifies network troubleshooting and management, optimizes network and application performance and scales to meet the needs of any organization. Founded in 1994, Network Instruments is headquartered in Minneapolis, Minnesota with offices in London, Paris, throughout the USA and distributors in over 50 countries. More information about the company, products, innovation, technology, NI-DNA, becoming a partner and NI University can be found at: [www.networkinstruments.com](http://www.networkinstruments.com)

### Solution Bundles

Contact a Network Instruments representative or dealer to ask about product bundles that cover all of your network management needs.

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