



# Puma™

## Lightweight and luggable network monitoring solution

DATASHEET

### Features & Benefits

- » *Puma is the most powerful portable network monitoring solution on the market, capable of monitoring at network speeds up to 1.5 Gbps*
- » *Puma 214E supports a high capacity storage in a compact, sturdy, portable briefcase unit with an integrated 17" high definition display*
- » *Lightweight: starting at 17 pounds, anyone can comfortably and easily carry and transport the appliance*
- » *Travel friendly: Puma easily fits into an airplane cabin overhead compartment or can be checked-in as standard baggage*
- » *Puma's convenient size makes it easy and cost effective to ship anywhere in the world*
- » *Storage packs terabytes of data in a compact form factor; Collects days or even weeks of data for analysis*
- » *Flexible and configurable solution with the addition of NIKSUN's Solution Modules, including NetXperts, Multicast and Application Reconstruction*
- » *Plug-and-play device with local and remote GUI access*

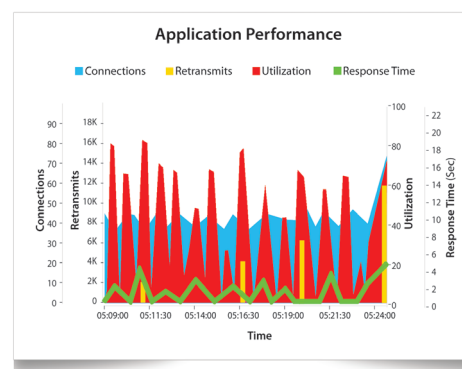
### Tired of Lugging a 1U or 2U Around to Remote Sites?

Network professionals are often required to visit remote sites, satellite offices, and customer locations to conduct on-site analysis, application troubleshooting, pre-deployment assessments, data center testing, and other critical functions. Although, NIKSUN's NetOmni™ Suite enables remote monitoring via a central dashboard system, it is often necessary to monitor and troubleshoot issues in the field. This creates the need for field professionals to be equipped with a high-capacity portable network monitoring solution that facilitates quick and painless data capture, analysis and reporting capabilities at any remote network node.

In addition to having robust, uncompromised network monitoring and analysis capabilities for high speed networks, it is also important for a portable solution to be small, lightweight, extremely easy to transport, and rugged. Additionally, the portable unit deploys quickly.

### NIKSUN Portable Appliance Technology

With NIKSUN® Puma's portable appliance technology, users have a robust and luggable appliance that can be customized for performance, compliance and security monitoring. The solution has the exceptional functionality of a standard NIKSUN appliance and is small and lightweight enough to be carried on a plane, fit in an overhead luggage compartment, checked-in as baggage, or shipped via standard carriers without significant cost. Puma deploys in a few short steps with minimum network downtime, enabling on-site analysis with localized recording, processing, analysis and reporting.



Real-time Traffic Analysis

## State-of-the-art, Portable Performance Monitoring

Puma incorporates the state-of-the-art functions of the NIKSUN NetVCR® and can be used for comprehensive, real-time network performance monitoring. Lightweight and extremely portable with powerful network analysis, Puma is the perfect on-the-go network monitoring device for field personnel. Puma captures and stores network information for days, or even weeks, to provide vast troubleshooting and deep-packet inspection functions. Moreover, it facilitates easy root-cause identification, application and latency monitoring, capacity planning, optimization and SLA monitoring.

## Unmatched Network Security Forensics

Puma provides the renowned functions of NIKSUN's NetDetector® and NetDetectorLive™ and can be used for security, compliance and forensics, catering to the needs of mobile security professionals. Easily deployed to gather evidence of suspicious network activity, Puma's drill-down forensic analysis, application reconstruction and replay capabilities help identify the *how, what, when* and *who* of security events.

## A New and Powerful Tool for Service Providers and System Integrators

Puma is also designed to meet the needs of system integrators and service providers who need to conduct pre-deployment assessments at customer sites, prior to rolling out new applications, services or infrastructure. Puma's form factor, powerful data capture, and analysis functions enable quick trending of network behavior for benchmarking. Comprehensive analysis and reporting features assist the process of assessing network change. Puma can be conveniently dropped off at network sites where it can gather and store terabytes of data without the need for human interaction.



## Technical Information

**Form Factor:** Portable

**Network Interfaces Supported (Full-duplex, Half-duplex):** 1 GigE (copper/fiber) and 10 GigE (fiber)

**Protocols Supported:** TCP, UDP, SCTP, IPv4, IPv6, fragmented IP, IEEE 802.3 (Ethernet), MPLS, VLAN (ISL, IEEE 802.1q and stacked 802.1q), DNS, ISO8583, FIX, GTP, SIP, VoLTE, CDMA 2000, RADIUS, Diameter and many more.

**Integration:** *Authentication* - TACACS+, RADIUS, LDAP and Active Directory. All NIKSUN products integrate with NIKSUN NetOmni Full Suite for enterprise-wide aggregation, reporting and visualization.

Interested in learning more?

For more information, please visit us online at [niksun.com](http://niksun.com).



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*About NIKSUN, Inc. NIKSUN is the recognized worldwide leader in making the Unknown Known. The company develops a highly scalable array of real time and forensics-based cyber security and performance management solutions for large enterprises, government & intelligence agencies, service providers and financial services companies. NIKSUN's award winning enterprise solutions deliver unprecedented flexibility and packet capture power. The company's patented real-time analysis and recording technology is the industry's most comprehensive solution for secure and reliable network infrastructure and services. NIKSUN, headquartered in Princeton, New Jersey, has sales offices and distributors throughout the US, Europe, the Mid East and Asia-Pacific. For more information, please visit [www.niksun.com](http://www.niksun.com).*

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