



IntelliNetVCR™

Powerful analytics in a compact, solid state device

DATASHEET

Features & Benefits

- » Remote and branch office highly available, robust monitoring solution
- » Useful for departmental level monitoring
- » Lightweight, small and portable solution for field personnel
- » Traffic recording and real-time insight into traffic patterns and characteristics
- » Authentication and access control mechanisms
- » Signature-based application recognition
- » Data export in multiple formats
- » Interactive analysis from link to application layer
- » Seamless integration with NIKSUN NetOmni for network-wide monitoring



The need for traffic recording and application analysis has become fundamental to network monitoring, operations and management. Such solutions are necessary not only for core and distribution environments, but also for remote and branch offices and for small to medium-sized businesses. Mesh networks also require monitoring at the edges, as the end-to-end transaction level information cannot be obtained by only deploying monitoring tools at the hub. However, cost is a driving factor in being able to deploy powerful network streaming and analysis tools to such locations.

The NIKSUN® IntelliNetVCR provides the most vital functions of the NIKSUN NetVCR® in a cost-effective and robust form factor. This appliance is ideal for deployments in non-controlled environments, such as remote offices without fear of hard drive failures or other component failures. Due to its small size and portability, IntelliNetVCR is the answer for field professionals searching for a compact, yet powerful networking monitoring solution. NIKSUN IntelliNetVCR also works with NIKSUN's NetOmni™ Suite for enterprises to provide a complete end-to-end performance monitoring solution. All of these functions sum up into an indisputable benefit: penetrating, insightful, network-wide awareness.

Conveniently sized and lightweight, NIKSUN IntelliNetVCR is extremely travel-friendly and perfect for the network road warrior. Data collected with the NIKSUN IntelliNetVCR can be integrated, correlated and analyzed any time with the NIKSUN NetOmni Suite, even if the data collection occurs in isolation (for example, a troubleshooting session requiring “sneaker-net” to the collection site).

Furthermore, NIKSUN IntelliNetVCR has the same simple and ready-to-use capabilities of its bigger counterpart - the time-tested and proven NIKSUN NetVCR. In field scenarios, the IntelliNetVCR can start collecting data in less than 2 minutes.

Technical Information

Network Interfaces Supported (Full-duplex, Half-duplex): 1GigE (copper)

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

Form Factors: Portable or 1U half-depth. Internal storage scales to several terabytes.

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

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NETWORK PERFORMANCE AND SECURITY

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.

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