

# MiniAccelerator 3000E

## Tactical Acceleration Device

### Redefining Application Traffic Management

The Mini Accelerator product line take application traffic management to the next level by providing application acceleration and bandwidth efficiency tools that reduce WAN costs and improve application response times. Unique features include next-generation compression, application acceleration, traffic discovery, Layer 7 application visibility, sophisticated reporting, and instant QoS. The Mini Accelerator family allow the enterprise to automatically increase WAN capacity and improve application response times by 100-400%, stop bandwidth abuse, and align network resources with business priorities. The Mini Accelerator series allows for flexible deployment to support both remote office and central site application traffic management.

### Reduced Tactical Form Factor

Specifically engineered to support secure communications in deployed environments, the Mini Accelerator's rugged design and small form factor make it perfect for tactical applications. Whether part of a fly away kit, mounted in an equipment rack at sea, or toted by a soldier on foot, the Mini Accelerator super-powers connectivity and network application performance without the footprint of most network products.

### Ensuring Accelerated Application Response Times

The Mini Accelerator series increases WAN capacity, improves application response times, and offers extensive built-in Layer 7 QoS to prioritize network application according to business objectives. The Mini Accelerator allows for data transfers in excess of the link speed by reducing latency and packet loss with standard TCP acceleration (based on SCPS) and web-based application acceleration. It also delivers robust performance and fault management using SNMP, RMON/RMON II, and NetFlow.

### Flexible Application Traffic Management for Central Sites or Remote Offices

The Mini Accelerator series can be deployed in mid-sized remote offices and central sites. It scales from 256 Kbps and 6 Mbps, can support mesh networks and is deployed either On-Path between LAN segment and router or On-LAN by connecting unobtrusively to the switch or router. The Mini Accelerator includes Fail-to-Wire functionality and supports standard failover protocols.

### Sample Application



## Product Datasheet



The Mini Accelerator

## Features:

- Improves Network and Application Performance by 100-400% with Peaks of 1,000%
- Utilizes SCPS Protocol to Reduce the Effects of Latency
- Scales from 256 Kbps to 6 Mbps WAN Speeds
- Interfaces to KIV/KG and Other Encryption Devices
- Rapid Deployment, Instant Results
- Robust Remote Monitoring and Management
- Compatible with all Existing Expand Networks Accelerator Devices

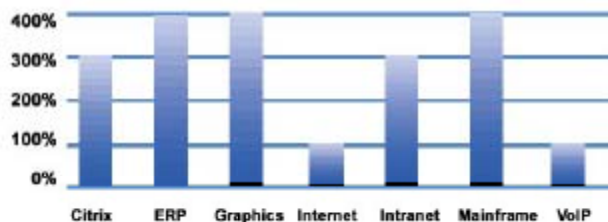
# Product Datasheet

## Robust Remote Monitoring and Management Capabilities

The adoption of mission critical traffic (e.g. CRM, ERP, VoIP) in enterprise networks makes analyzing, managing, and reporting network traffic an extremely important function of network management. Real-time statistics, trend analysis on utilization, SLA assurance, and proactive network fault-finding are now pre-requisites for business-grade network implementations. The Mini Accelerator- by providing extensive performance and fault management functions like SNMP, RMON/RMON II, and priority queuing- eliminates the need for costly probes and enforces basic traffic policies, making network deployments easier to manage and maintain.

Specifications		
<b>Physical</b>	• WxHxD: .25"x1.75"x13" (IU)	• Weight: 4 lbs
<b>Environment</b>	• Temperature: 32°-122° F (0°-50° C)	• Humidity: 0-99% (non-condensing)
<b>Reliability</b>	• No moving parts (except for cooling fans) • Automatic packet aggregation • Packet loss recovery	• Works on all protocols- TCP, UDP, ICMP, L2TP, etc. • Standards-based with HSRP (RFC-2281) and VRRP (RFC-2338)
<b>Interfaces</b>	• Two color coded 10/100 BaseT Ethernet (RJ45) • 10/100 BaseT Ethernet (Rj45)	• 2xRs232, baud rate: 9600 bps • USB-I.I TypeA, female, 12 Mb
<b>Application Specific Acceleration</b>	HTTP, DNS, FTP, TCP	
<b>Application and Traffic Discovery</b>	• Layer 7 Classification	• 100+ Applications pre-defined
<b>Maximum Capabilities</b>	Max LAN throughput: 6 Mbps	
<b>Power</b>	• AC Input: 110-220VAC autosensing, 50-60Hz • 40W Average consumption	
<b>Local/Remote Management Features</b>	• Status LEDs • Power • Port Status (Activity/Ready) • In-band and out-of-band management • Advanced Cisco-like Command Line Interface (CLI) accessible • Via Telnet, console, dial up	• SNMPV 1.0 (MIB II) and private MIB support • Web-based user interface • Auto-discovery of PVCs and encapsulation type • RMON/RMON II • TFTP software field upgradable
<b>Security and Logging Features</b>	• Authentication and authorization: RADIUS (RFC 2138) • TACAS+, internal database • Syslog event logging	• Email alerts from log • SNTP- Simple network time protocol support
<b>Traffic Management Features</b>	Queuing: FIFO, weighted fair, priority, and custom queuing	
<b>QoS</b>	• Bandwidth limits: desired, maximum • Shaping with High, Medium, Low	• Strict priority for real-time traffic
<b>Safety</b>	• UL 60950-I, CSA C2.22 No. 60950-I, EN 60950-I, IEC 60950 2 <sup>nd</sup> and 3 <sup>rd</sup> editions	• EMC0 EN 55022, EN 55024, FCC Part 15, ICES-003
<b>Upgradability</b>	TFTP, SSH, FTP, HTTP	

## Average Performance Gains



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