

Exbander Precision EP600



Consolidated network traffic optimisation, reporting and management solution for medium size organisations.



"Images for illustrative purposes only"

In a converging world with more distributed networks and workforces, the traffic conversing across networks is growing exponentially every year. This extra traffic results in increasingly greater demands on corporate networks and a need to derive flexibility and consistency from the performance of the network.

With many staff now being based remotely, and increasing amounts becoming entirely mobile thanks to the availability of wireless networks, wireless broadband and IP mobile phone services, corporate networks have become more distributed.

To achieve reduced network operating costs and better control and security of data that travels across networks, there is ever increasing pressure for organisations to look at better ways to manage their networks.

The EP600 gives IT staff the most comprehensive and effective real-time solutions to report, manage and control their LAN/WAN traffic, enabling faster and higher availability of internet connections by dynamically reducing congestion between applications. The unique combination of traffic shaping, load balancing, WAN acceleration, routing and analysis and reporting in a single device sets the EP600 as leader in its field.

- » **Provides traffic monitoring, reporting and shaping**
- » **Controls traffic at the application layer**
- » **Enables Internet connection to be accurately sized**
- » **IP Flows - up to 32,000**
- » **Throughput up to 16Mb/s**
- » **Allocates valuable bandwidth resources on a use or user group basis**
- » **Improves VPN and VoIP Performance**
- » **10,000:1 data transfer acceleration rate (via optional upgrade module)**

**September 2007
EP600's at the UCI Mountain Bike World Championships**

With over 400 journalists converging on Fort William in the Scottish Highlands, UCI needed a communications network on which they could depend to deliver the latest video, audio, photographic and editorial content. With connectivity challenges on Ben Nevis and the surrounding area, a combination of satellite and ADSL links were used to create a WAN (Wide Area Network) that served both the event management office and journalists. Network resilience and continuity of service was ensured by the addition of two EP600 devices.

Dave Weale of UCI was delighted with the solution. "DBAM's Exbander Precision appliances were the only products that provided the necessary functionality we needed for this project. Without doubt, DBAM's EP products provided the most cost effective solution for the event" he said.

Product Sheet
Specification - EP600

CORE MODULE	DESCRIPTION			
Active Flows	Identifies the traffic flowing across the LAN/WAN link.			
Rate Watcher	Monitors and displays real time flow rates for tuning, enabling intelligent decision making.			
Active Networks	Integrates Active Directory to determine flow priorities for individuals and user groups.			
Rules	Enables rapid creation of traffic rules (flow policies) and "borrow" levels.			
Criteria	Enables bandwidth to be assigned to different resources.			
Inspector 7	Layer 7 packet inspection Allows traffic to be identified by end user application.			
Statistics	Logs and stores all data over user defined intervals for retrospective analysis.			
Processes	Customisable network, extends control over network flows incl. address and port translation.			
Notifier	Powerful alert system, pushing notifications of network events and flow rates.			
Compression	For WAN Optimisation between two points (additional points are optional).			
SHAPING				
Shaping Rate – Total Throughput (in & out)	2Mb/s	4Mb/s	8Mb/s	16Mb/s
Shaping Circuits (Switches)	1 (+2)	1 (+2)	1 (+2)	1 (+2)
IP Flows	32,000	32,000	32,000	32,000
Maximum Static Partitions	1,024	1,024	1,024	1,024
Maximum Dynamic Partitions per Switch	1,024	1,024	1,024	1,024
Maximum IP Hosts	10,000	10,000	10,000	10,000
CONFIGURATION				
Precision Start UI	Yes	Yes	Yes	Yes
External LCD (+Keypad)	Yes	Yes	Yes	Yes
HARDWARE SPECIFICATION				
Power	110-240 Volt Auto Switching (internal)			
Operating Environment	Temperature: 5 to 40°C (67 to 130°F) Humidity: 20% to 90% RH			
Certifications	FCC, UL, CE			
Dimensions	429(W) x 282(D) x 44(H)mm 16.89"(W) x 11.1"(D) x 1.73"(H)			
ABN Expansion	Included			
Serial Port	One DB9 (for system console)			
Weight	Gross 5.6Kg; Net 3.6Kg			
Storage Environment	Temperature: 0 to 70°C(58 to 184°F) Humidity: 5% to 95% RH (non-condensing)			
LCD Panel	2 X 16 Characters. LCD Module with 4 buttons;			
Packing Dimensions	22.4" (W) X 17.3" (D) X 5.9" (H)			
Ethernet Port	5 x 32bit/33MHz Fast Ethernet ports			
Storage Device	3.5" HDD & CompactFlash			

Ordering Information

PRODUCT NAME	DESCRIPTION	PARTCODE
EP600 Chassis	EP600 Chassis including 2Mb throughput license (Software License Sold Separately)	EP600
EP600 Software License	12 month Software License (if a Silver or Gold Support Package is purchased, this is not required)	EP600SL
Throughput License (4)	4Mb Throughput License	4MBWALIC
Throughput License (8)	8Mb Throughput License	8MBWALIC
Throughput License (16)	16Mb Throughput License	16MBWALIC
Silver Support EP600 (2)	12 month Silver Support for EP600 with 2Mb throughput (inc 12 month Software License)	SISUP-2-0000
Silver Support EP6000 (4)	12 month Silver Support for EP600 with 4Mb throughput (incl 12 month Software License)	SISUP-4-0000
Silver Support EP6000 (8)	12 month Silver Support for EP600 with 8Mb throughput (incl 12 month Software License)	SISUP-8-0000
Silver Support EP6000 (16)	12 month Silver Support for EP600 with 16Mb throughput (incl 12 month Software License)	SISUP-16-0000
Gold Support EP600 (2)	12 month Gold Support for EP600 with 2Mb throughput (incl 12 month Software License)	GOSUP-2-0000
Gold Support EP6000 (4)	12 month Gold Support for EP600 with 4Mb throughput (incl 12 month Software License)	GOSUP-4-0000
Gold Support EP6000 (8)	12 month Gold Support for EP600 with 8Mb throughput (incl 12 month Software License)	GOSUP-8-0000
Gold Support EP6000 (16)	12 month Gold Support for EP600 with 16Mb throughput (incl 12 month Software License)	GOSUP-16-0000
Extended Warranty EP600	Hardware Warranty Extension from 12 to 36 Months	EXTWARREP600
IMView	IMView Software Module	IMV600
VoIPView	VoIPView Software Module	VOV600
WAN Acceleration	WAN Acceleration Module	WAC600

Product Sheet

ADDITIONAL

Stream based Compression	Yes
Exbander MAS compatible	Yes

INTERFACES

Fast Ethernet – Copper	Yes
Gigabit Ethernet – Copper	Yes
Gigabit Ethernet – Fibre	Yes (Optional)
Fast Ethernet Management	Yes
Console – DB – 9	Yes

PHYSICAL

Yes

