

PRX-100/PRX-100e

Traffic Manager

Data Sheet



Application- and User-Aware Traffic Management

The PRX-100 is an affordable traffic manager for small and medium-sized networks. It enables network operators to control the bandwidth usage of undesirable applications like peer-to-peer-based file sharing (P2P), instant messaging (IM) and Voice over IP (VoIP). Traffic of these applications can be logged, throttled or blocked. Regularly updated protocol signatures ensure a reliable application detection. Traffic parameters can be configured per link, per subnet and per IP address. The integrated scheduler enables automatic switching between these modes at defined times. The PRX-100e is an entry-level version of the PRX-100 with a maximum throughput of 34 Mbit/s per direction.

Simple Installation and Maintenance

The PRX-100/PRX-100e operates as a transparent bridge with Fast Ethernet interfaces thus providing for a seamless integration into existing network infrastructures with no configuration changes being necessary. It is configured and managed via an intuitive Web interface with an integrated help system, making staff training unnecessary.

Reliability and Security

The consequent design without any mechanical wear-and-tear parts guarantees a high reliability. As a transparent bridge, the PRX-100/PRX-100e is invisible to normal network users. Remote access is only possible via its Ethernet management interface and can be restricted to the local network.

Updates, Modular Extensions and Customization

A firmware update service is available to ensure the continuing effectiveness of the protocol signatures. Support for new protocols is implemented based on their popularity. Firmware updates are guaranteed for 3 years after end-of-sales of a specific product.

The modular architecture of the PRX-100 allows a flexible extension of its functionality by installing plugin modules. Modules are available for various application classes and advanced administrative functions. **Refer to the Modules data sheet for details.**

ipoque offers customization services to support functions not yet available in its off-the-shelf products.

Control user bandwidth

Application-specific usage policies

Detailed statistics

Manage P2P, VoIP, Skype, IM

Fanless cooling

Regular signature updates

Specifications

Capacity

	PRX-100	PRX-100e
Max. throughput	2x 100 Mbit/s	2x 34 Mbit/s
Max. packet rate	60,000	30,000
Concurrent connections	850,000	
Subnet exceptions	5	3
Subscriber	16,384*	1,024*
Subnets	5*	3*
Bandwidth rules	5*	3*

* with IP Control module

Network connections

Bridge	2x 10/100Base-T
Management	1x 10/100Base-T

Management:

Web interface	HTTPS access
Console	serial DB-9 connector to reset factory defaults
Scheduler	time based switching of shaping profiles

Statistics

Graphs	link bandwidth per direction; P2P bandwidth per direction; bandwidth per P2P protocol; day, week, month and year;
Utilization table	link volume & bandwidth; P2P volume & bandwidth; bandwidth & volume per P2P protocol; inbound & outbound
Logs	P2P, IM & VoIP connections

Hardware

	PRX-100	PRX-100e
	no mechanical wear-and-tear parts (fan, hard disk)	
WxHxD (mm)	275x50x172	234x48,5x175
Power supply	100-240V, 50/60Hz, 1.5A, 60W, external, passive	
Material	aluminum	aluminum, plastic
Weight	2kg	1kg

Plugin Modules

P2P/VoIP/Skype/IM - Module
IP Control - Module
Advanced Reporting - Module