



Portable High-Density Network Performance Analysis System

SmartBits® 600

Product Overview

Spirent Communications' SmartBits 600 (SMB-600) chassis is the industry's most portable and compact, high-port-density-for-its-size network performance testing system. Compatible with the SMB-6000B, the SMB-600 holds up to two modules that can support up to 16 10/100 Mbps Ethernet ports, 4 Gigabit Ethernet ports, 1 10GbE port, 4 Packet over SONET (POS) ports, 4 Fibre Channel ports, or a mixture of these port types.

SMB-600's can be daisy-chained together to achieve higher port density, enabling users to perform automated large-scale testing in Quality Control and high-volume production environments. Up to 512 chassis can be synchronously connected by using SmartBits multi-chassis extension units.

The SMB-600 is easily controlled by a PC through a 10/100 Mbps Ethernet connection and uses a Windows®-based interface.

The SMB-600 is Designed for:

- Network Equipment Manufacturers: Test your device, then carry it along with an SMB-600, to your customer site to prove your device's performance.
- Evaluation Labs: Test and certify different devices from various manufacturers to benchmark their performance.
- Telcos/ISPs/Enterprise Users: Perform comparative analysis of network equipment to determine the suitability of a specific application prior to deployment.

SMB-600 Features

- Small, lightweight, and portable.
- Holds up to two modules.
- Supports up to 16 10/100 Ethernet ports, 4 Gigabit Ethernet ports, 1 10GbE port, 4 Packet over SONET (POS) ports, 4 Fibre Channel ports, or a combination of these port types.
- Bundled with three PC-based software applications for comprehensive performance analysis (SmartWindow™, SmartLib™, and SmartApplications™).
- Supports sophisticated automated industry standard performance tests defined in RFC 1242 and RFC 2544.
- Supports 10/100 Mbps Ethernet connections to a host PC.

Supported Applications

- AST II™
- FaST Connect™
- SmartApplications™
- SmartCableModem Test™
- SmartFabric™
- SmartFlow™
- SmartLib™ Programming Library
- SmartMulticastIP™
- SmartTCP™
- SmartVoIPQoS™
- SmartWindow™
- SmartxDSL™
- TeraRouting Tester™
- TeraVPN™
- Turn Up Connect™
- WebSuite™

Spirent

Communications

27349 Agoura Road
Calabasas Hills, CA
91301 USA
E-mail: productinfo
@spirentcom.com

Sales Contacts:

North America

+1 800-927-2660

Europe, Middle East,

Africa

+33-1-6137-2250

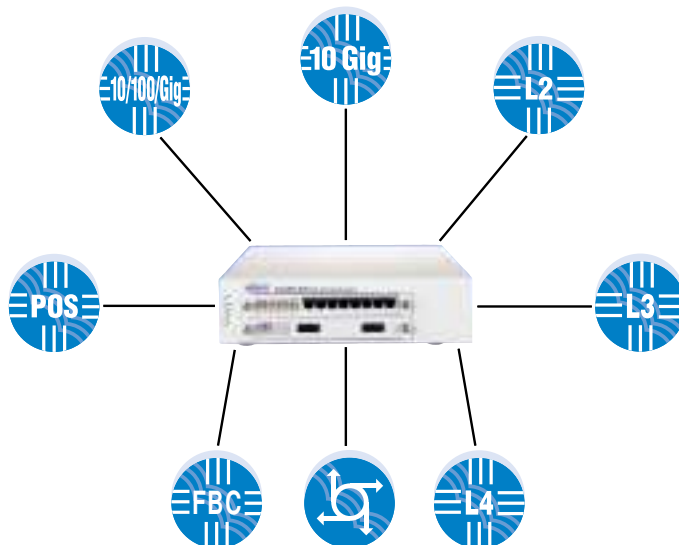
Asia Pacific

+852-2166-8382

All Other Regions

+1 818-676-2683

www.spirentcom.com



Analyze | Assure | Accelerate™

SMB-600 test applications

Supported Modules

Select up to two of the following modules, in any combination, to fill the SMB-600's two chassis slots.

Module	Description
FBC-3601A/ 3602A	Fibre Channel 1G/1G and 2G, 2-port, SmartMetrics
LAN-3100A	10/100Base-TX Ethernet, 8-port
LAN-3101A	10/100Base-TX Ethernet, 6-port, SmartMetrics
LAN-3102A	10/100Base-TX Ethernet, 2-port, SmartMetrics
LAN-3111A	100Base-FX Ethernet, 6-port, multi-mode, 1300nm, SmartMetrics
LAN-3111As	100Base-FX Ethernet, 6-port, single mode, 1310nm, SmartMetrics
LAN-3150A	10/100Base Ethernet, RMII/SMII, 8-port
LAN-3200A	1000Base-SX Ethernet, 2-port, multi-mode, 850nm
LAN-3200As	1000Base-LX Ethernet, 2-port, single mode, 1310nm
LAN-3201B	1000Base Ethernet, GBIC, 1-port, SmartMetrics
LAN-3300A	10/100/1000Base-T Ethernet, Copper, 2-port, multi-mode, SmartMetrics
LAN-3301A	10/100/1000Base-T Ethernet, Copper, 2-port, TeraMetrics
LAN-3302A	10/100Base-T Ethernet, Copper, 2-port, TeraMetrics
LAN-3310A	1000Base Ethernet, GBIC, 2-port, multi-mode, SmartMetrics
LAN-3311A	1000Base Ethernet, GBIC, 2-port, TeraMetrics
LAN-3710AL/ 3710AE	10GBase-LR/ER Ethernet, 1-port, 2-slot, single mode, 1310nm/1550nm
POS-3500B/ 3500Bs	POS OC-3c/OC-12c, 1-port, multi-mode/single mode, SmartMetrics
POS-3502A/ 3502As	POS OC-3c, 1-port, multi-mode/single mode, SmartMetrics
POS-3504As/ 3504AR	POS OC-48c, 1-port, single mode, 1310nm/1550nm, SmartMetrics
POS-3505As/ 3505AR	POS OC-48c, 1-port, single mode, 1310nm/1550nm, TeraMetrics
POS-3510A/ 3510As	POS OC-3c/OC-12c, 2-port, multi-mode/single mode, SmartMetrics
POS-3511A/ 3511As	POS OC-3c/OC-12c, 2-port, multi-mode/single mode, 1300nm/1310nm, TeraMetrics
POS-3518As/ 3518AR	POS OC-192c, 1-port, 2-slot, single mode, 1310nm/1550nm, SmartMetrics
POS-3519As/ 3519AR	POS OC-192c, 1-port, 2-slot, single mode, 1310nm/1550nm, TeraMetrics
XLW-3720A	10GBase Ethernet Optical, XENPAK, 1-port, 2-slot, SmartMetrics
XLW-3721A	10GBase Ethernet Optical, XENPAK, 1-port, 2-slot, TeraMetrics

Requirements

- One SMB-600 chassis and up to two modules.
- One Ethernet cable and one 10/100 Ethernet card installed in the PC.
- An IBM or compatible Pentium™ PC running Windows® 98/2000/NT, with mouse and color monitor.

Specifications

- SmartBits chassis with two module slots. Controllable over the Internet or from a PC equipped with SmartWindow.
- Input Power: 100-240 VAC. Nominal 115 or 230VAC, 50-60 Hz.
- Dimensions: 12"W x 3.5"H x 12.5"D (30.8W x 9H x 32.1D cm).
- Weight: 5.25 lbs. (2.38 kg) fully loaded. Shipping Weight approx. 8.5 lbs. (3.85 kg).
- Operating environment: 59° to 104° F (15° to 40° C); 20 to 80% relative humidity. Must have space for unimpeded airflow into the chassis fans.

Ordering Information

SMB-600

SmartBits 600 (includes SmartWindow, SmartLib, and SmartApplications)

SUS-SMB

12-month Software Update Support Service (includes firmware support)



SMB-600

Spirent

Communications

27349 Agoura Road
Calabasas Hills, CA
91301 USA
E-mail: productinfo
@spirentcom.com

Sales Contacts:

North America

+1 800-927-2660

Europe, Middle East,

Africa

+33-1-6137-2250

Asia Pacific

+852-2166-8382

All Other Regions

+1 818-676-2683

www.spirentcom.com



©2003 Spirent Communications, Inc. All rights reserved. Specifications subject to change without notice. Spirent Communications and the Spirent logo are trademarks of Spirent plc. All other names are trademarks or registered trademarks of their respective owners and are hereby acknowledged.
P/N 360-0032-001 Rev J, 3/03.