

Spirent AXON

Enterprise-Class Network Testing Appliances



Why Test Now?

Deploying new applications or network services without proper planning and testing is no longer acceptable in the enterprise market.

The need for testing appliances continues to rise due to the ever changing trends with network infrastructure becoming more dynamic and distributed.

Networks today are complex and challenging -Knowing performance capabilities is a paramount to a cost efficient-well run network.

Welcome to Spirent AXON.

Spirent AXON, Network Testing Appliance Series includes the fixed configuration AXON Core 1C and the AXON Core 10F-HP in a compact, rack mountable form factor. AXONs are environmentally hardened and support active cooling for easy deployments in wiring closets, on the desktop or in the Data Center. AXON supports bandwidths from 1Mbps to 10Gbps offering complete flexibility for testing to any location, edge environment or network core.

Powered by Spirent TestCenter, AXON delivers network performance testing and modeling capabilities at an affordable cost and covers your entire network landscape with test and performance modeling for Infrastructure, Network Services and Applications. AXON provides unparalleled ease of use combined with rapid deployment technologies, crafted into a user experience totally unique in the industry. Our browser based technology with an HTML5 interface can be easily managed from anywhere, with any device.

AXON removes the barriers of network testing by offering an affordable solution loaded with pre-configured tests that are ready to use as soon as you take it out of the box. All the tests are designed with network performance testing, modeling and troubleshooting in mind.

AXON active monitoring capability saves time and frees up resource cycles making enterprise-class networks less costly, more efficient and highly available.

Architecture and Design

The AXON Core 1C and the AXON Core 10F-HP are powered by Spirent’s award-winning Spirent Test Center. Combine sleek, compact and durable with a custom fitted, ruggedized case and AXON is ready to travel when you are.

AXON delivers industry leading results accuracy by using both internal and external time sources and a range of two to four port densities and wired and fiber (SFP) interface types. The table below provides a comparison of each AXON model.

AXON Models Comparison

Model	Port Density	Speed	Interface	Wired Admin	Wi-Fi Admin
AXON Core 1C	4	1G	1000Base-TX	1	Yes
AXON Core 10F-HP	2	10G	10G SFP+ SR/LR	1	Yes



Features and Benefits

End-to-End Network Testing allows you to place the Axon anywhere within your network where Ethernet is available to test various potential issues. Proactively troubleshoot updates to the infrastructure or changes to your bandwidth from your service providers.

Clocking Technologies include internal test platform time stamping and NTP synchronization between AXON devices, delivering highly accurate results.

Designed for Mobility AXON can sit on a desktop or be rack mounted and travels well when in the custom designed hard shell travel case. Great for using in multiple locations.

Rapid Startup and Deployment means testing can begin right away. Save money and time by eliminating high cost equipment and consultant engagements.

Ease of Use means AXON has been designed as HTML5 browser accessible from any device. It's as easy as setting up your music playlist.

AXON Test Categories

- Infrastructure
- Network device/service
- Network applications

AXON Test Variables

- Bandwidth: 1G to 10G
- Codecs: VoIP and Video
- QoS: DSCP Bits

AXON includes a library of preconfigured tests

- Network Performance Modeling
- Network Stress
- Mixed Traffic Performance Modeling
- Network QoS Performance
- Site to Site Performance
- Site to Site with SLA Verification
- Site to Site Application Performance
- Mixed Protocol IPv4 and IPv6 Performance

Specifications

	AXON Core 1C	AXON Core 10F-HP
Ports per Chassis	4 x 1G	2 x 10G
Optical Transceiver	None	10G SFP+ 10GBASE-SR (standard) 10GBASE-LR (optional)
Dimensions	2.1"H x 17.25"W x 10.725"D	
Weight	12 lb without mount brackets	
Power Input	110 or 230VAC auto switching	
Operating Temperature	32° F to 86° F (0° C to +30° C)	
Compliance	<ul style="list-style-type: none"> • FCC Part 15, class A, and CE EN55022 emission requirements • EN 55024 or equivalent Immunity requirement • EN 60950 or equivalent Product Safety requirement 	

AXON Supported Testing Protocols

- Attack: AbsoluteXssz
- Attack: AceFtp
- Attack: BeagleAA
- Attack: Beautifier
- Attack: BEAWeblogic XSS
- Attack: BrewBlogger Sqlii
- Attack: BusMail
- Attack: CesarFTP
- Attack: CfNetwork DOS
- Attack: CodeRed II
- Bittorrent
- Bittorrent Bandwidth
- Bittorrent Tracker Traffic
- FTP
- Gnutella 1
- Gnutella 2
- Gtalk
- GTALK XMPP Only
- HTTP
- LDAP
- MSN Command only
- MSN Traffic
- MySQL
- NFS V2 UDP
- Oracle
- Raw TCP
- Remote Desktop
- Skype TCP
- SMB DCERPC for Printer
- SQL Queries only
- SQL Redirect and Queries
- Telepresence
- Video
- Video Call
- VoIP Call
- Yahoo – Commands Only
- Yahoo Login and Call Attempt

EMAIL | sfbsales@spirent.com

NORTH AMERICA SALES LEADER | Jeffrey Hitchman | +1 972-994-6661

GLOBAL SALES LEADER | Lisa Anderson | +1 408-752-7296

© 2014 Spirent Communications, Inc. All of the company names and/or brand names and/or product names and/or logos referred to in this document, in particular the name "Spirent" and its logo device, are either registered trademarks or trademarks pending registration in accordance with relevant national laws. All rights reserved. Specifications subject to change without notice. Rev. A 05/14

