

# XR2000 ACTIVE MONITORING HARDWARE ENDPOINT FOR THE HAWKEYE™ AND IXCHARIOT® PRODUCT LINES

DATA SHEET

## NETWORK AND APPLICATION PERFORMANCE ASSESSMENT AND MONITORING DEMARCATION HARDWARE

A new-generation appliance, Ixia's XR2000 Active Monitoring Endpoint provides extensive network and application performance assessment and monitoring demarcation. The hardware endpoint features easy setup and management for seamless integration into live network environments.

The XR2000 endpoint works with Ixia's Hawkeye and IxChariot, allowing assessment and monitoring of network and application performance in only two clicks.

### KEY FEATURES

- Field ready: robust and fan-less, lightweight
- Secured access with embedded firewall
- VGA output and console-ports output for easy management
- Automatic boot
- Web-based configuration
- Advanced routing support (VLAN, source based routing)
- Up to line-rate generation
- Active traffic generation supporting 150+ applications
- Endpoint-to-endpoint tests: UDP, TCP traffic, voice, video, traffic mixes
- One-arm testing against web servers (HTTP/HTTPS), DNS, and cloud services (YouTube, Dropbox)
- Remote management and configuration from Hawkeye
- IxChariot 9 registration server easy configuration
- In-band or out-of-band management support

### HIGHLIGHTS

- Next-generation active endpoint appliance
- Robust, portable, field-ready
- Secured access with embedded firewall
- Web-based configuration
- Advanced routing support
- Active traffic generation supporting 150+ applications
- Up to line-rate generation
- Endpoint-to-endpoint tests: UDP, TCP traffic, voice, video, and traffic mixes
- Remote management and configuration from Hawkeye
- Online upgrades
- In-band or out-of-band management supported



## SPECIFICATIONS

<b>CPU Type</b>	Intel Atom D525 1.8 Hz ( dual core processor )
<b>DRAM</b>	2G
<b>Storage</b>	8G flash
<b>I/O Interfaces</b>	2 USB, 1 VGA, 1 COM
<b>LAN</b>	6 x 10 / 100 / 1000 Mbps
<b>Power</b>	On-board DC +12V $\pm$ 5% converts to +3.3V/+5V/+12V for system – max 60W
<b>Dimension</b>	200mm x 42mm x 144mm - 7.9" x 1.65" x 5.67" – 1U
<b>Weight</b>	1.2 Kg
<b>Operation Temperature</b>	0 ~ 40 °C - Storage: -20°C~70°C
<b>Operation Humidity</b>	5 ~ 95%, non-condensing

## SUPPORTED PROTOCOLS

<b>Protocols for Node-to-Node or One-Arm Tests</b>	TCP, UDP, RTP, HTTP, HTTPS, FTP, NTP, DNS, POP,SMTP, ICMP, IGMPv2, IGMPv3, RTSP, RADIUS, DHCP, PPPOE
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## PERFORMANCE

<b>TCP Throughput</b>	Up to line rate (1G)
<b>UDP Throughput</b>	Up to line rate (1G)
<b>Voice Calls</b>	Up to 300 simultaneous calls
<b>Streaming Traffic (Lync, Unified Communications)</b>	Up to 200 simultaneous mixed voice/video calls
<b>Streaming Traffic (Video)</b>	Up to 700Mbps of video traffic

## ORDERING INFORMATION

### 940-0008

XR2000 Active Hardware Endpoint; integrated hardware endpoint for Hawkeye or IxChariot; Licensed for 2 active test ports; AC unit.

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