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Find the *IXIA 400* at our website: *Click HERE*

IXIA 1600T, IXIA 400T, IXIA 250, IXIA 100

The Ixia series of chassis delivers the industry's most comprehensive platforms for high performance, multiport traffic generation and analysis.

The flagship IXIA 1600T, as well as the IXIA 400T, the field-portable IXIA 250, and the IXIA 100 with GPS time synchronization all share a highly scalable architecture that supports daisy-chaining of up to 256 chassis with timing synchronized to within 10 nanoseconds. With Ixia's analysis platforms, even the most complex devices and networks can be tested thoroughly and cost-effectively.



Chassis Specifications

	IXIA 1600T	IXIA 400T	IXIA 100	IXIA 250
Slots	16	4	1	2
Size	17.5"w x 15.7"h x 20.4"d (44.5 x 39.9 x 52 cm)	10.25"w x 5.75"h x 16"d (26.1 x 14.6 x 40.6 cm)	17.5"w x 1.75"h x 20.15"d (44.5 x 4.5 x 38.1 cm)	17.6"w x 11.3"d x 6.8"h (20.2 x 28.6 x 17.2 cm)
Weight	47 lbs. (21 kg)	10 lbs. (4.5 kg)	14 lbs. (6.4 kg)	18.5 lbs. (8.4 kg)
Power	20 AMP@110V 10 AMP@220V 60/50 Hz Maximum 2400 W	4 AMP@110V 2 AMP@220V 60/50 Hz Maximum 350 W	1 AMP@110V 0.6 AMP@220V 60/50 Hz Maximum 150 W	3.2 AMP@110V 1.6 AMP@220V 60/50 Hz Maximum 350 W
Timing Source	Internal or synchronized with another Ixia chassis	Internal or synchronized with another Ixia chassis	Direct or indirect GPS, or synchronized with another Ixia chassis	Internal, optional indirect GPS (via CDMA) with 200 microsecond accuracy, or synchronized with another Ixia chassis
Temperature	Operating: 32 °F to 104 °F (0 °C to 40 °C)		Storage: 32 °F to 122 °F (0 °C to 50 °C)	
Humidity	Operating: 0% to 85%, non-condensing		Storage: 0% to 85%, non-condensing	
Connectors	Power: Mouse/Keyboard: Monitor: Printer: Ethernet: Serial:	Male receptacle PS/2 6-pin DIN HD-DB15 Super VGA Female DB25 parallel port RJ45 10/100 Mbps 2 male DB9 ports		

1-877-FOR-IXIA

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www.ixiacom.com

IXIA
Because Performance Counts

Ixia Chassis - IXIA 1600T, IXIA 400T, IXIA 250, IXIA 100

Features

- Support for 10/100 Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet, Packet Over SONET (OC-3 through OC-192), BERT, and USB interfaces
- Built-in PC, running Windows 2000, used for configuration and statistics gathering
- Daisy-chaining of up to 256 chassis to within 10 nanoseconds synchronization
- Generate and analyze traffic synchronously over thousands of ports simultaneously

Benefits

- No need to buy specially configured PC for configuration, data capture, and real-time analysis
- Save time and cost by providing software-only upgrades for future enhancements
- Quick access to thousands of ports to test high port density switches, routers, access devices, and networks

Applications

The Ixia chassis are essential tools for engineering teams that are developing and troubleshooting Packet Over SONET, Ethernet, and USB products. They are also critical products for certification departments tasked with validation and performance testing in the lab. Production testing and quality assurance during the manufacturing process can be easily performed using Ixia chassis. The Ixia chassis can be used within customer service departments as troubleshooting resources. Internet Service Providers (ISPs), Carriers, and large enterprises can use the Ixia chassis to monitor live network operations, to simulate network traffic conditions, and to hot stage modifications and additions to the network, assessing their impact prior to actual deployment.

Software

Ixia's powerful IxExplorer, an MS-Windows 2000 based software interface, provides easy configuration, control, and status. Users can generate customized traffic patterns using packet streams or flows, and easily configure packets with incrementing, decrementing, or random MAC and IP addresses. Protocol editors are available for IP, UDP, IPX, TCP, UDP, IGMP, ARP, DHCP, RIP, ISL, MPLS, VLAN 802.1p□q, and OSPF. Each port can generate ARP requests, Ping requests, IGMP requests, and respond to such messages. The Ixia chassis offer an optional suite of test scripts written in the industry-standard scripting language, Tcl. These scripts implement the popular Benchmark Working Group (BMWG) performance tests specified in RFC 2544 and RFC 2285. The wide variety of Tcl test scripts include IP Multicast Test (RFC 2432), Quality of Service Test (QoS), Advanced Tcl Script Suite (ATSS), and Multiport Advanced Test Suite (MATS). In addition, technology-specific applications such as IxWeb, for Layer 4 to 7 device verification, and routing protocol emulations for BGP-4, OSPF, IS-IS, RIP, and MPLS (RSVP-TE and LDP) are available.

Load Modules Available

The table below shows the maximum number of load modules supported in each chassis.

Load Modules	IXIA 1600T	IXIA 400T	IXIA 100	IXIA 250
10/100 E				
LM100TX	16	4	1	2
LM100TXS8	16	3	1	2
GIGABIT E				
LM1000GBIC	16	4	1	2
LM1000SFPS4	16	3	1	2
LM1000T-5	16	4	1	2
LM1000TXS4	16	3	1	2
10 GbE				
LM10GE123F	8	2	N/A	1
LM10GE223F	8	2	N/A	1
LM10GE500F1	8	2	N/A	1
POS				
LMOC12c	16	4	1	2
LMOC48c	16	4	1	2
LMOC192111	8	2	N/A	1
LMOC192112	8	2	N/A	1
LMOC192168	8	2	N/A	1
LMF192188	8	2	N/A	1
BERT				
LMOC48311	16	4	1	2
LMOC192311	8	2	N/A	1
LMOC192368	8	2	N/A	1
COMBO				
POS/BERT				
LMOC48411	16	4	1	2
LMOC192411	8	2	N/A	1
LMOC192412	8	2	N/A	1
LMOC192468	8	2	N/A	1
POS/10 GbE				
LMOC192611	8	2	N/A	1
POS/BERT/10 GbE				
LMOC192711	8	2	N/A	1

Product Ordering Information

IXIA 1600T	16-Slot Chassis with enhanced power and cooling
IXIA 400T	4-Slot Chassis with enhanced power and cooling
IXIA 100AC	1-Slot Chassis 110/220v A.C. with Integrated GPS (Global Positioning System) receiver
IXIA 100AC-CDMA	1-Slot Chassis 110/220v A.C. with integrated CDMA receiver
IXIA 100DC	1-Slot Chassis 48v D.C. with Integrated GPS (Global Positioning System) receiver
IXIA 250	Ixia 250 Chassis. At time of purchase, please specify either COPPER or FIBER media for integrated test port
IXIA250-CDMA	Ixia 250 Chassis with CDMA timing. At time of purchase, please specify either COPPER or FIBER media for integrated test port
IX250COPPER	Additional copper media module for Ixia 250 integrated test port
IX250FIBERSFP	Additional fiber media module for Ixia 250 integrated test port.. Accepts SFP transceiver, not included
SFP-LX	SFP Transceiver - 1310nm singlemode
SFP-SX	SFP Transceiver - 850nm multimode

For more information on this product or other available configurations visit Ixia on the web at:

www.ixiacom.com/products/chassis/

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