

# BUYING GUIDE—WHICH IBYPASS BELONGS IN YOUR NETWORK?

## CHOOSING THE RIGHT IBYPASS

Bypass Switches are in-line devices that provide fail-safe protection for in-line security and monitoring devices, such as an intrusion prevention system (IPS), web application firewalls (WAFs), and many others.

Ixia offers a wide array of iBypass switch products to support user requirements for high availability, failure modes, speeds, and different media types. Please read on to find the right iBypass product for your particular deployment.

## IS HIGH AVAILABILITY REQUIRED?

The high-density models of Ixia iBypass Switches, offer several high availability options that will guarantee network uptime and maximize security.

High availability features supported by Ixia Bypass Switches:

- **Active-Standby** = Single active tool with redundant tool connections through the iBypass
- **Active-Active** = Multiple tools connected serially through the iBypass

**Ixia options:** iBypass VHD, iBypass DUO, iBypass HD

## WHAT IS YOUR NETWORK SPEED?

- **40GE:** iBypass 40G
- **10GE:** iBypass VHD, iBypass DUO
- **1GE:** iBypass HD w/ DBM-200, DBM-250, or DBM-300, iBypass DUO, iBypass VHD
- **10/100/1000Mbps:** iBypass HD w/ DBM-100, iBypass 3

## WHAT TYPE OF NETWORK PORTS DO YOU NEED?

- **SFP+:** iBypass VHD
- **MTP:** iBypass 40G
- **LC:** iBypass HD w/ DBM-200, DBM-250, or DBM-300, iBypass 10G, iBypass DUO
- **RJ45:** iBypass HD w/ DBM-100, iBypass 3

## IXIA IBYPASS SWITCH KEY FEATURES

The product matrix table below indicates the key features that differentiate each of the iBypass products.

IBYPASS	HA SUPPORT	# OF NET. SEGMENTS PER DEVICE	SPEED	NETWORK MEDIA TYPE	BYPASS TYPE	PART NUMBERS
<b>iBypass VHD</b>	Yes	Up to 12	10Gbps or 1Gbps	SFP+/SFP	Modular Chassis (up to 3 modules)	IBPVHD-CH-AC / IBPVHD-CH-DC w/ IM-21-BYP LIC-IM-21-AR
<b>iBypass 40G</b>	No	1	40G MM	MTP Fiber	Standalone	I2BP-40G-SR-50-Q
<b>iBypass DUO</b>	Yes	2 or 4	1Gbps or 10Gbps	LC Fiber (SR & LR)	Standalone	IBPDUO-1X10-LR IBPDUO-2X10-LR IBPDUO-1X10-SR IBPDUO-2X10-SR
<b>iBypass HD</b>	Yes	Up to 8	10/100/1000Mbps or 1GE	Copper RJ45 or Fiber (SX & LX)	Modular Chassis (up to 4 modules)	IBP-8000/IBP-8000-DC w/ DBM-100, DBM-200, DBM-250, DBM-300
<b>iBypass 3</b>	No	1	10/100/1000Mbps	Copper	Standalone	I3BP-CU3

For more-detailed information on Ixia iBypass switches, visit: <https://www.ixiacom.com/products/bypass-switches>

### IXIA WORLDWIDE

26601 W. AGOURA ROAD  
CALABASAS, CA 91302

(TOLL FREE NORTH AMERICA)

1.877.367.4942

(OUTSIDE NORTH AMERICA)

+1.818.871.1800

(FAX) 818.871.1805

[www.ixiacom.com](http://www.ixiacom.com)

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### IXIA EUROPE

CLARION HOUSE, NORREYS DRIVE  
MAIDENHEAD SL6 4FL  
UNITED KINGDOM

SALES +44.1628.408750

(FAX) +44.1628.639916

### IXIA ASIA PACIFIC

101 THOMSON ROAD,  
#29-04/05 UNITED SQUARE,  
SINGAPORE 307591

SALES +65.6332.0125

(FAX) +65.6332.0127