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.

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

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