iBypass Quick Reference

Select the bypass that's right for your environment

Explore Key Features and Specifications for Our Versatile Bypass Switches

	iBypass Copper	iBypass DUO	iBypass 100G	iBypass HD	iBypass VHD
Easy to use via ease to use GUI	☑	☑	☑	☑	☑
System height (rack units)	1	1	1	1	1
Max number of units in 1U	4	2	1	1	1
Modular design	☒	☒	☑	☑	☑
Max Number of Network Ports	2	4	4	16	24
Max Number of Monitor Ports	2	8	4	16	24
Media conversion on network ports	☒	☒	☒	☒	☑
1G Copper	☑	☑	☒	☑	☑
1G Fiber	☒	☑	☒	☑	☑
10G Fiber	☒	☑	☒	☒	☑
40G Fiber	☒	☒	☑	☒	☒
100G Fiber	☒	☒	☑	☒	☒
Key Features					
Inbuilt Tap Mode	☑	☑	☑	☑	☑
Editable Heartbeats	☑	☑	☑	☑	☑
Preset HBs for Major Security Vendors	☑	☑	☒	☑	☑
Variable HB Periods	☑	☑	☑	☑	☑
Variable HB Retry Periods	☑	☑	☒	☑	☑
High Availability Tool Mode – Active/Active	☒	☑	☑	☒	☑
High Availability Tool Mode – Active/Standby	☒	☑	☑	☑	☑
Traffic Statistics	☑	☑	☑	☑	☑
Bypass ON Close, Bypass ON Open, and Bypass OFF modes	☑	☑	☑	☑	☑
HB Fail Open or Fail Closed Modes	☑	☑	☑	☑	☑
Link Fault Detect	☑	☑	☑	☑	☑
Link Fault Detect Cascade	☒	☒	☒	☒	☑
Power Loss Fail Open	☑	☑	☑	☑	☑

KEYSIGHT

	iBypass Copper	iBypass DUO	iBypass 100G	iBypass HD	iBypass VHD
Power Loss Fail Close	☒	☑	☑	☒	☑
Power Supply Status indicated on front panel	☑	☑	☑	☑	☑
Link Status indicated externally	☑	☑	☑	☑	☑
Traffic Threshold Alerts	☑	☑	☒	☑	☑
Bypass status on front panel	☒	☒	☑	☒	☒
Install own SSL certificates	☒	☑	☑	☒	☑
ACL on management ports	☑	☑	☒	☒	☑
Management					
NBP Independent Management System and ports	☑	☑	☑	☑	☑
Number of management ports	1	2	1	1	1
TACACS	☑	☑	☑	☑	☑
RADIUS	☑	☑	☑	☑	☑
SNMP V1	☒	☒	☑	☑	☒
SNMP V2	☑	☑	☑	☑	☑
SNMP V3	☑	☑	☑	☑	☑
CLI	☑	☑	☑	☑	☑
Web GUI	☑	☑	☑	☑	☑
Drag and Drop configuration	☒	☑	☒	☒	☑
SSH	☑	☑	☑	☑	☑
External Syslog Alerts	☒	☑	☑	☒	☑
Ixia Fabric Controller (Centralized Management)	☑	☑	☑	☑	☑
Inbuild event logs	☑	☑	☑	☒	☑
Role Based access control	☑	☑	☑	☑	☑
Device temp settings and alerts	☑	☑	☑	☑	☑
NTP time synching	☑	☑	☑	☒	☑
Software upgradable	☑	☑	☑	☑	☑
Software downloads via secure FTP	☑	☑	☒	☒	☑
Power					
AC Power Option	☑	☑	☑	☑	☑
DC Power Option	☒	☒	☑	☑	☑
Hot Swappable	☒	☑	☑	☑	☑
Integrated Power Supplies	☒	☑	☑	☑	☑
Power Supply Unit (to replace power bricks) available as an optional extra	☑	☒	☒	☒	☒
Operating Range 0 to 40°	☑	☑	☑	☑	☑

Key Part Numbers

Systems	IXBP-CU3	IBPDUO-1X10-LR IBPDUO-1X10-SR IBPDUO-2X10-LR IBPDUO-2X10-SR	IBP100G-CH-AC-T IBP100G-CH-DC-T	IBP-8000 IBP-8000-DC	IBPVHD-CH-AC IBPVHD-CH-DC
Modules			MIBP-40100-SR4-T MIBP-40100-LR4-T	DBM-100 DBM-200 DBM-250 DBM-300	IM-21-BYP

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