iBypass Quick Reference Guide

Bypass Switches	iBypass3 - CU	iBypass DUO	iBypass 40G	iBypass HD	iBypass VHD
See More at: https://www.ixiacom.com/products/bypass-switches					
Easy to use via best in class GUI	●	●	●	●	●
System Height (Rack Units)	1	1	1	1	1
Max number of units in 1U	8	2	2	1	1
Modular design	○	○	○	●	●
Max Number of Network Ports	2	4	2	16	24
Max Number of Monitor Ports	2	8	2	16	24
Media conversion on network ports	○	○	○	○	●
1G Copper	●	●	○	●	○
1G Fiber	○	●	○	●	●
10G Fiber	○	●	○	○	●
40G Fiber	○	○	●	○	○
Key Features					
Inbuilt Tap Mode	●	●	●	●	●
Heartbeats	●	●	●	●	●
Editable Heartbeats	●	●	●	●	●
Pre-Set heart beats for major security vendors	●	●	●	●	●
Variable heartbeat periods	●	●	●	●	●
Variable number of heartbeat retry thresholds	●	●	●	●	●
High Availability Tool Mode - Active-Active	○	●	○	○	●
High Availability Tool Mode - Active-Standby	○	●	○	●	●
Traffic Statistics	●	●	●	●	●
Bypass ON Close mode	●	●	●	●	●
Bypass ON Open mode	●	●	●	●	●
Bypass OFF mode	●	●	●	●	●
Heartbeat - Fail Open Mode	●	●	●	●	●
Heartbeat - Fail Closed Mode	●	●	●	●	●
Inbuilt media conversion on network links	○	○	○	○	●
Link Failure Detect	●	●	●	●	●
Link Failure Detect Cascade	●	○	○	○	●
Power Loss Fail Open	●	●	●	●	●
Power Loss Fail Closed	○	●	○	○	●
Power Supply Status indicated on front panel	●	●	●	●	●
Link status indicated externally	●	●	●	●	●
Traffic threshold alerts	●	●	●	●	●
Bypass status indicated on front panel	●	○	○	○	○
Log in banner "text messages"	○	●	○	○	●
Install own SSL certificates	○	●	○	○	●
ACL on management ports	●	●	●	○	●
Management					
NPB Independent management system	●	●	●	●	●
NPB Independent management 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 Manager (IFCCM) [Ex. Indigo Pro]	●	○	○	●	●
In built event logs	●	●	●	○	●
Role Based Accesss Control	●	●	●	●	●
Device temperature sensors and reporting/alerting	●	●	●	●	●
NTP Time syncing	○	●	○	○	●
Software upgradeable	●	●	●	●	●
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 optional extra	●	○	○	○	○
Operating range - 0C to 40C	●	●	●	●	●
Key Part Numbers					
Base Unit (if modular unit) - VHD includes 1/10G module - AC Power				IBP-8000	IBPVHD-CH-AC
Base Unit (if modular unit) - VHD includes 1/10G module - DC Power				IBP-8000-DC	IBPVHD-CH-DC
Additional 1/10G module for VHD					IM-21-BYP
Copper (module/unit)	I3BP-CU3			DBM-100	Use Transceiver in Base
Single Mode Fiber (module/unit)		IBPDUO-1X10-LR IBPDUO-2X10-LR		DBM-300	Use Transceiver in Base
Multi Mode Fiber (module/unit) - 62.5 um				DBM-200	Use Transceiver in Base
Multi Mode Fiber (module/unit) - 50 um		IBPDUO-1X10-SR IBPDUO-2X10-SR	I2BP-40G-SR-50-QSFP	DBM-250	Use Transceiver in Base