

NETWORK VISIBILITY COMPARISON TABLE VISION PACKET BROKERS

	Vision xStream 40	Vision Edge 40	Vision Edge 100	Vision 5236	Vision 5288	Vision One	Vision 7300
KEY VISIBILITY ATTRIBUTES							
Smart Drag and Drop Intuitive GUI	✓	✓	✓	✓	✓	✓	✓
Zero-Packet Loss Architecture	✓	✓	✓	✓	✓	✓	✓
Unlimited Simultaneous Advanced Features	✓	✓	✓	✓	✓	✓	✓
Overlapping Filter Rules Automatically Handled by Visibility Engine	✓	✓	✓	✓	✓	✓	✓
SYSTEM SPECIFICATIONS							
System Height (RU)	1	1	1	1	2	1	7
AC Redundant Power Supply (Hot Swap)	✓	✓	✓	Single	✓	✓	✓
DC Redundant Power Supply (Hot Swap)	✓	✓	✓		✓	✓	✓
SYSTEM CAPACITY							
Maximum Backplane Capacity (Gbps)	640	720	3200	244	640	640	3840
Maximum Number of 1Gb Ports	48	48	0	28	64	48	288
Maximum Number of 10Gb Ports	64	72	128	24	64	64	384
Maximum Number of 40Gb Ports	16	18	32	0	16	4	96
Maximum Number of 100Gb Ports	0	0	32	0	4	0	12
DEPLOYMENT OPTIONS							
Supports Inline Deployment	✓					✓	
Simplex (Double Your Ports)	✓	✓			✓	✓	✓
Fan-In	✓	✓	N/A			✓	
Fan-Out	✓	✓	✓			✓	✓
MANAGEMENT							
Centralized Management through Ixia Fabric Controller Support		✓	✓			✓	✓
Indigo Pro for OAM&P (systems mgmt.)	✓	✓	✓	✓	✓	✓	✓
RESTful API	✓	✓	✓	✓	✓	✓	✓
Role Based User Accounts	✓	✓	✓	✓	✓	✓	✓
TACACS+, RADIUS Authentication	✓	✓	✓	✓	✓	✓	✓

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COMPLIANCE							
High security DoD and FIPS (Federal Information Processing Standard) compliant mode						✓	✓
NEBS Certified					5293	✓	7303
NETSTACK							
Filtering (Layer 2, 3, 4) Custom, Dynamic, Eth type, VLAN, IP, Ports, IP Protocol	✓	✓	✓	✓	✓	✓	✓
3 stages of filtering (ingress, dynamic, egress)		✓	✓	✓	✓	✓	✓
Patented Dynamic Filter Compiler to Automatically Resolve Overlapping Filters		✓	✓	✓	✓	✓	✓
MPLS/GTP Dynamic Filtering	✓	✓	✓	✓	✓	✓	✓
Load balancing Standard (3 Tuple & 5 Tuple)	✓	✓	✓	✓	✓	✓	✓
Load Balance Tunneled IP (MPLS Based)	✓		✓		✓	✓	✓
IPv6 Support	✓	✓	✓	✓	✓	✓	✓
Source Port Labelling	✓	✓	✓	✓	✓	✓	✓
VLAN Tagging	✓	✓	✓	✓	✓	✓	✓
Aggregation	✓	✓	✓	✓	✓	✓	✓
1:1	✓	✓	✓	✓	✓	✓	✓
1:Many		✓	✓	✓	✓	✓	✓
Many: 1	✓	✓	✓	✓	✓	✓	✓
Many:Many		✓	✓	✓	✓	✓	✓
Replication	✓	✓	✓	✓	✓	✓	✓

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PACKETSTACK							
Deduplication (Remove Duplicate Packets)				✓	✓	✓	✓
NetFlow Generation						✓	✓
VLAN Stripping	✓			✓	✓	✓	✓
VxLAN Stripping					✓	✓	✓
Packet Trimming				✓	✓	✓	✓
Timestamping	✓	✓	✓	✓	✓	✓	✓
NTP	✓	✓	✓	✓	✓	✓	✓
PTP	✓					✓	✓
GPS					5293		
Data Masking					✓	✓	✓
Tunneling					✓	✓	✓
Burst Protection (1Gbps only)		✓	✓	✓	✓	✓	✓
SECURESTACK							
SSL Decryption						✓	✓
APPSTACK							
Application Identification and Filtering Based on Application Signature, Bandwidth, Session, Geolocation, Dynamic Pattern or Port						✓	✓
Real-time Visualization of Application Data						✓	✓
Automatic application signature updates via Application and Threat Intelligence (ATI) Subscription						✓	✓
Data Masking Plus (Credit Card and Social Security #s)						✓	✓
Geolocation & tagging						✓	✓
Optional RegEx Filtering						✓	✓
IxFlow Generation						✓	✓
Packet Capture						✓	✓

	Vision xStream 40	Vision ONE
INLINE CAPABILITIES		
Inline Configuration on Web Console	✓	✓
Load balancing with spare	✓	✓
Serial service chaining	✓	✓
Customizable HeartBeat	✓	✓
Link Fault Detection (LFD)	✓	✓
Negative HeartBeat	✓	✓
Tool mandatory vs. optional (fail-closed vs. fail-open)	✓	✓
Multiple network links tool sharing (VLAN port tag)	✓	✓
Multiple network links tool sharing (MAC address)	✓	
VLAN Translation during filtering (VSET) for inline	✓	✓
VLAN Insertion during filtering (VSET) for out of band	✓	
HA Active-Active	✓	✓
HA Active-Standby	✓	
Support inline and out-of-band simultaneously	✓	✓
Asymmetric Load balancing (Client/Host Affinity)	✓	✓
Multi-Path (Multiple criteria for different data paths)	Advanced	Basic, Adv. Planned
Load Balance based on port speeds or weight	✓	
Failure threshold of load balance group	Configurable	Set to 0
Support for tool with 2 or more ports (SSL decrypter)	✓	✓

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