



IntelliFlow-48

Overview

The NIKSUN® IntelliFlow-48 consists of 1U high density, high performance, packet broker.

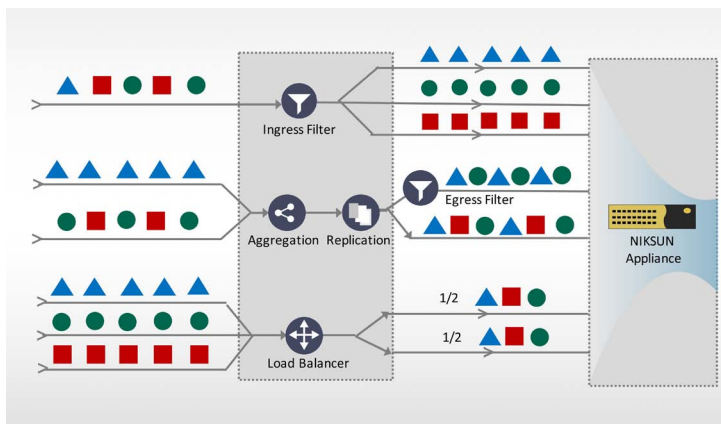
The IntelliFlow-48 includes up to 48 ports of 1/10Gb plus another 6 ports of 40Gb. With the unique software licensing feature, units can be offered with as little as 8 ports of 1/10Gb. Users protect their investment and can grow with the system up to its full capacity of 48 ports of 1/10Gb plus 6 ports of 40Gb, without adding other physical devices or performing a fork-lift upgrade in their deployment.

All ports connect to a non-blocking switching fabric, ensuring that all combinations of ports are supported at full line rate, with no over subscription and with full-switching, line rate connectivity from any port to any port.

The IntelliFlow-48 is a fully featured packet broker that is capable of not only aggregation, but replication, sophisticated filtering, load balancing, tunneling supports and more.

NIKSUN's Common Use Case

The diagram below represents NIKSUN's common use case, wherein the IntelliFlow-48 can be used for efficient aggregation, replication, filtering and load balancing of traffic.



Features of IntelliFlow-48



Management

- » User friendly, web based interface
- » Supports TACACS+, RADIUS, SNMP, and NTP

Fabric Flow

Mapping traffic flow relationships between source and destination ports:

- » Aggregate traffic to single port
- » Replicate traffic to multiple ports
- » Tunnel handling – GTP filtering, GRE termination, MPLS filtering and stripping, VXLAN filtering and stripping
- » Flexible load balancing regimes
- » Ingress and Egress filters

Specifications

Solution Dimensions

Dimension	Height: 1.75" (44.45 mm) Length: 19.29" (490.1 mm) Width: 17.25" (438.15 mm)
Weight	19.5 lbs (8.85 kg)

Power Delivery

Max Power Consumption	337.36 W
Power Dissipation	1151.07 BTU/hour
AC	90V- 264V, 9.7 Amp
DC	48 - 60V, 19 - 14 Amp

Operating Environment

Temperature	32°F – 104°F (0°C – 40°C)
Humidity	5% ~ 95%
Altitude	80000 Ft

Compliance Regulations

IntelliFlow-48

Safety: UL/CSA 60950-1, EN 60950-1, IEC 60950-1
CB Scheme with all country differences

Electromagnetic Emissions: FCC Part 15B, ICES 003, EN55032

Immunity: EN55024

Certificates: North America (NRTL), European Union (EU), VCCI (Japan), 2014/35/EU Low Voltage Directive, 2014/30/EU EMC Directive, 2011/65/EU RoHS Directive, 2012/19/EU WEEE Directive

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