32 40G/100G QSFP+/QSFP28

40G/100G QSFP+/QSFP28 Ports With DAC Support

Each 40G/100G Can Be Broken into 4x 10G/25G Ports

6.4Tbps Throughput, Low Latency
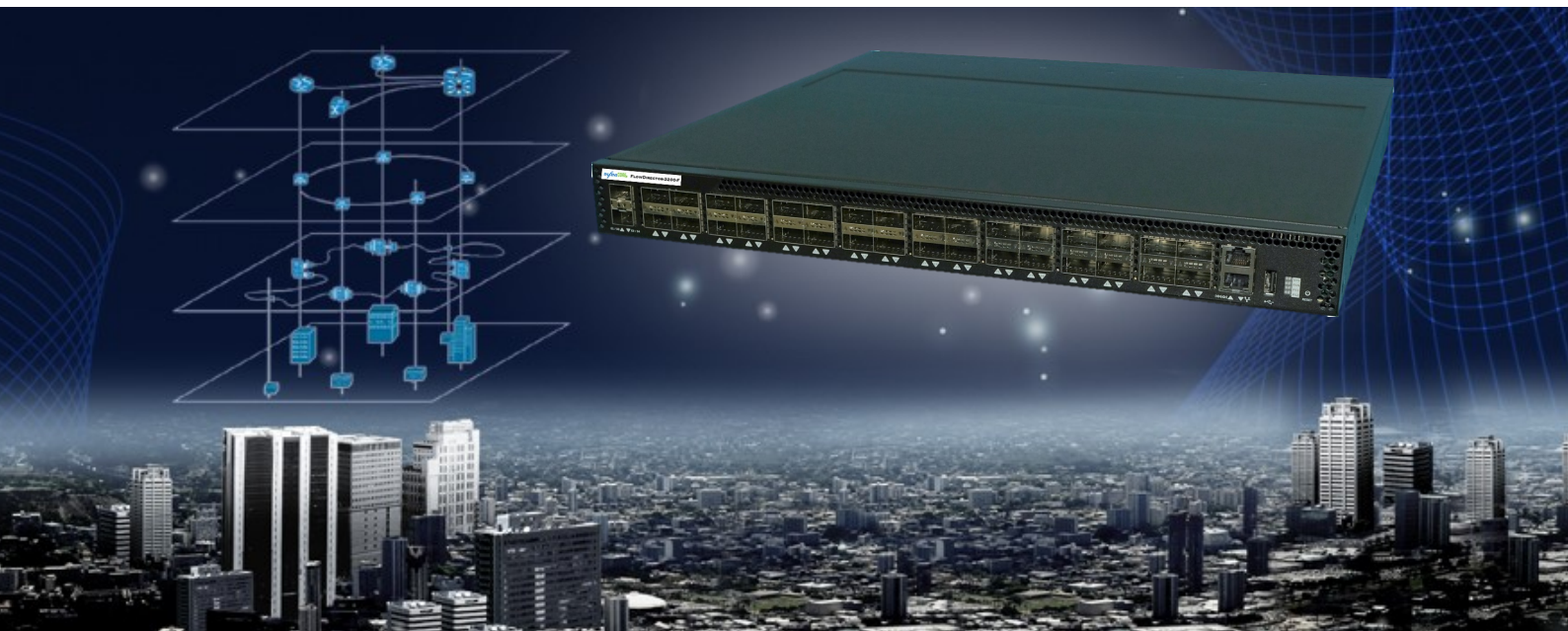
Powerful Flow Management

Supports Dynamic Virtual Wire; Inline Traffic Split and Merge; Traffic Replication; Traffic Aggregation; Fan out; Load Balancing and Switching all at line rate.

Cost Effective

1U Rack Mount

450W of Power Consumption

Intel's P4 Programmable Tofino™ switch ASIC

InfiniCORE®
N E T W O R K S

FlowDirector-3200-F

32 QSFP+/QSFP28 40G/100G Ports Programmable Network Flow Director

Applications

Network Monitoring and Forensic Infrastructure ■
Network Visibility and SPAN Port Expansion ■
Advanced Inline High Speed Network Diagnosis ■
Lab Test Equipment Sharing and Automation ■
Lab Equipment Cable Management Optimization ■
Network Element Quality Assurance ■

Next Generation Device Designed For Network Visibility and Forensic Infrastructure. Significantly Reduce SPAN Port Usage and Maintain Total Visibility for All Analytic Equipment. Improve Lab Tool Efficiency and Simplify Cable Management

FlowDirector-3200-F

- Network Monitoring and Forensic Infrastructure

- Maintain total visibility for all network monitoring and forensic devices

- Flexible traffic management modes, reliable and lossless for Ten Gigabit, Forty Gigabit, Twenty Five Gigabit and One Hundred Gigabit

- Standard based Easy to Use InfiniOS

- Web Based UI and CLI Support

- Programmable API to automate operating tasks

- Comprehensive Status and Statistics Indication through User Interface

- Improves Sharing of Lab Equipment

- Improves Lab Cable Management and inline diagnosis capabilities

- Low TCO

- Green

Contact us

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http://www.infinicoreinc.com

Sales:
sales@infinicoreinc.com
Support:
support@infinicoreinc.com

FlowDirector-3200-F PRODUCT BREIF VERSION 1.0.0

Next Generation Device For Total Network Visibility

The Infinicore™ Network FlowDirector-3200-F helps network administrator to connect their high speed network to different monitoring and forensic devices without creating congestions. The FlowDirector-3200-F gives flexibilities to network administrators to deploy extra monitoring device on the fly without the needs for SPAN ports. Network administrators can chose many different traffic modes range from replication to load balancing to best suites their needs. For all functioning modes, The FlowDirector-3200-F provides up to 6.4Tbps throughput at line rate even for the smallest frame size.

Streamlined, Outstanding Software Package

The Network FlowDirector-3200-F is powered by Intel's P4 programmable Tofino™ switch ASIC InfiniOS with comprehensive remote management through Web Based GUI and Command Line Interface. Operator can access all the functionalities and monitor device status through Web based GUI.

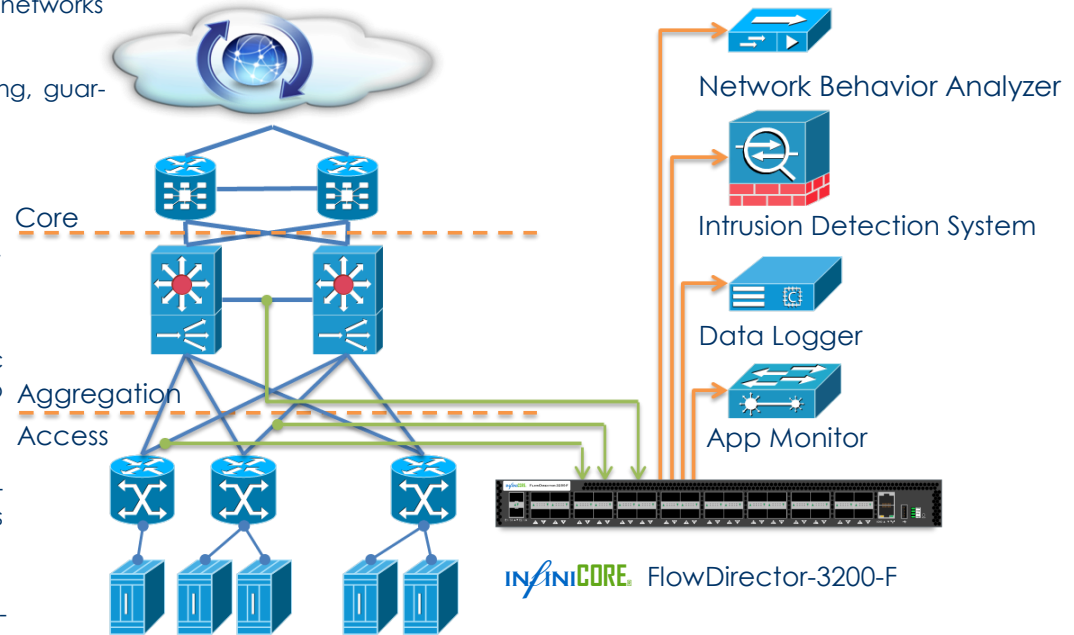## Improve Lab Efficiency and Ease of Cable Management

The Network FlowDirector-3200-F is a critical tool to help you to improve LAB efficiency and ease of cable management. You can share expensive, scarce load generation ports across different DUT models and teams without rewiring the cable. Using our innovative Virtual Wire technology, you can change the connectivity by simple mouse clicks. Additionally the FlowDirector-3200-F provides detailed statistics and plot capability so that you have complete visibility into your lab setup.
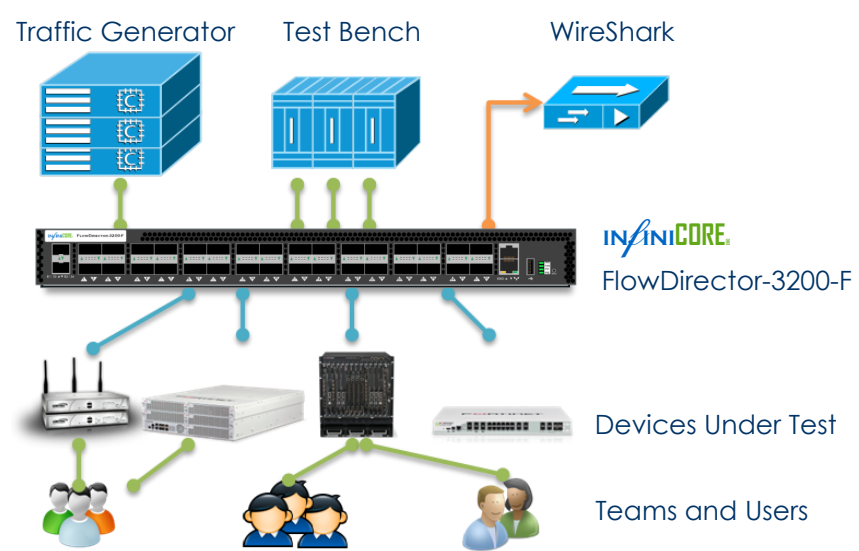
Highlights of Product Use Cases

Next Generation Device for Network Monitoring and Forensic Infrastructure

- Single Or Multiple Points Deployment, minimum impact to networks

- Line rate packet forwarding, guaranteed performance

- Connect unlimited Monitoring devices on the fly without service interruption

- Advanced built-in traffic management modes to meet your needs

- Help network meet regulatory compliance such as SOX, PCI and HIPPA

- Wide range of media support, 100G, 40G, 25G, 10G

Core

Aggregation

Access

Network Behavior Analyzer

Intrusion Detection System

Data Logger

App Monitor

IN∱INICORE. FlowDirector-3200-F

Improve Sharing of Scarce Lab Resource and Simplify Cable Management

- Sharing Expensive Tester Ports across multiple teams and DUTs

- Automatically switch connections between tester and DUTs

- Non-intrusive sniffer solution. Taps can be created in real time and on demand

- Run regression test across different DUTs without cable switching

- User management and port reservation

- Comprehensive Statistics and Counters, Total visibility to network state and traffic

Traffic Generator   Test Bench   WireShark

IN∱INICORE.

FlowDirector-3200-F

Devices Under Test

Teams and Users

- Efficiently Share Lab Equipment and DUTs
- No Cable Rewiring
- Non intrusive traffic monitoring

All specifications and figures are subject to change without prior notice.

Actual products may look different from the photos.

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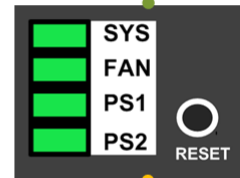## Innovation Towards Total Visibility Into Your Network

- **Data centers** and **enterprises** that deploy IDS, Probes, data logger devices
- **Governments** and **agencies** network monitoring, forensic collection
- **Service providers** delivering services and applications over IP networks
- **Operators** maintaining networks and standard compliance
- **Third parties** and **labs** performing devices validation and certification
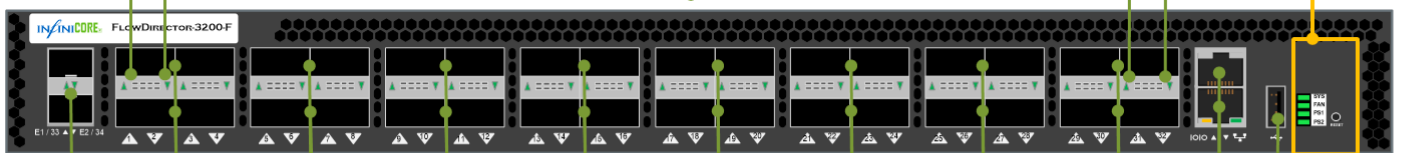
40G/100G QSFP+/QSFP28 Status Lights

40G/100G Ethernet 1 to 32 Ports LEDs Status as below:

▲ A Valid 100Gbps Link is established: Steady Green

▲▲ Transmit or Receive Packets at 100Gbps: Blinking Green

▲ A Valid 40Gbps Link is established: Steady Yellow

▲▲ Transmit or Receive Packets at 40Gbps: Blinking Yellow

▲ No Network Link: Off

System and PSU LEDs

SYS: Green Normal
FAN: Green Normal
PS1: Green Normal
PS2: Green Normal

RESET Button

1G/10 SFP/SPF+ Ports
Provide 1G/10G SFP/SFP+ Connectivity

40G/100G QSFP+/QSFP28 Ports
Provide 40G/100G QSFP+/QSFP28 Connectivity

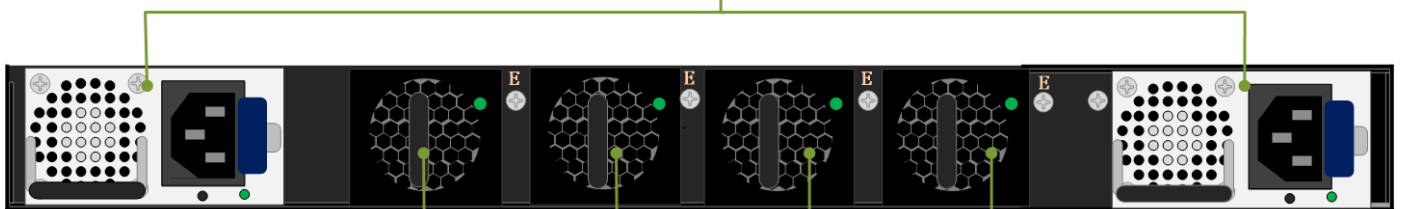### Console Port
Management Port
For connection to InfiniOS command line interface
Provide Ethernet connection for management interface

USB Port
For use with USB device

AC Power Supply
AC power connection for use with the supplied power cords

Hot Swappable Fans

Infinicore™ FlowDirector-3200-F Order Information

Part Number	Redundant Power Supply	Form Factor	Operating Temperature
FDS-3200-F-R2	Dual Modules	1U Rack Mountable	0-40 C