

# EdgeSwitch

## Top-of-Rack Aggregation



Complete integration with APCON IntellaFlex XR monitoring solution

### Features

- Deploy in standalone or top-of-rack environments
- Affordable scalability and lower distributed access costs
- High density 1RU system with 48 ports 1G/10G Ethernet and 6 ports 40G Ethernet
- Powered by industry-leading WebXR GUI interface
- Flexible traffic aggregation
- Ingress and egress filtering
- Port tagging and load balancing
- Connects to IntellaFlex XR for advanced traffic intelligence features
- TitanXR management and Mobile App

*Extend IntellaFlex XR network monitoring systems with packet aggregation at the edge, for distributed data center top-of-rack visibility and campus aggregation applications.*

### Distributed Monitoring

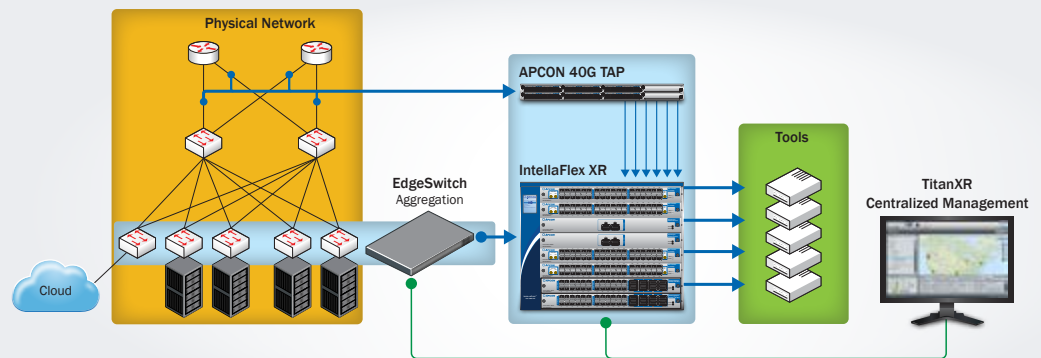
The EdgeSwitch integrates APCON aggregation and filtering technology on a high density 1RU white box platform, providing distributed access into IntellaFlex XR monitoring systems. Aggregate top-of-rack switches, consolidate remote sites and forward traffic of interest to IntellaFlex XR monitoring systems for advanced processing and centralized tool farm connection.

With complete integration to APCON's industry-leading WebXR graphical user interface, connections on EdgeSwitch can easily be set up to aggregate SPANS from top-of-rack switches. Traffic can be filtered and forwarded to IntellaFlex XR systems to take advantage of advanced features such as multi-stage filtering, deduplication, packet slicing, time stamping and protocol stripping.



## The Right Density

The EdgeSwitch provides excellent port density for edge aggregation applications with 48 ports of 1G/10G and six ports of 40G. Features include any-to-any connectivity, aggregation, filtering, port tagging, load balancing and multi-system trunking as well as port statistics, system status and configurable alerts.



EdgeSwitch aggregates lightly loaded top-of-rack switches for distributed access into IntellaFlex XR monitoring systems.

## Easy Management with WebXR

EdgeSwitch is managed with WebXR, the same familiar interface used to manage advanced APCON switches with features including:

- Easy setup of port aggregations, port tagging, load balancing and ingress/egress port filters
- Visual displays for port statistics
- System views and alerts
- Easy installation of software upgrades

## IntellaFlex XR Family

EdgeSwitch is fully compatible with APCON's premier IntellaFlex XR network monitoring family, providing common operation, user experience, trusted APCON service and support for TitanXR centralized management.

### EdgeSwitch Specifications

|                          |   |
|--------------------------|---|
| <b>Interfaces</b>        | 48 × 1G/10G SFP+ Ethernet<br>6 × 40G QSFP Ethernet  |
| <b>SFP+</b>              | 1000BASE-T/SX/LX, 10GBASE-SR/LR   |
| <b>QSFP</b>              | 40GBASE-SR4/LR4   |
| <b>Features</b>          | Aggregation; Filtering; Port Tagging; Load Balancing; Any-to-Any, Multicast and BiDi QSFP Connections; Trunking to IntellaFlex XR         |
| <b>Management</b>        | - 1000BASE-T Ethernet port (rear)<br>- RJ45 Serial Console port (rear)<br>- IntellaFlex style WebXR graphical interface<br>- CLI and RMON |
| <b>Power</b>             | AC: 100 to 240 VAC auto-sensing 50-60 Hz<br>Hot swappable dual redundant power supplies<br>460 Watts / 1570 BTU maximum                   |
| <b>Weight</b>            | 22.4 lbs / 10.2 kg  |
| <b>Size (H×W×D)</b>      | 17.1 × 1.73 × 21.7 in (1RU)<br>(43.4 × 4.4 × 55 cm)   |
| <b>Operating Temp</b>    | 32 to 104 °F (0 to 40 °C)   |
| <b>Storage Temp</b>      | -40 to 158 °F (-40 to 70 °C)  |
| <b>Relative Humidity</b> | Operating: 10-90%; Storage: 5-95% noncondensing   |

### Part Number Description

|                   |   |
|-------------------|---|
| <b>3420-E48-1</b> | EdgeSwitch Packet Aggregator, Dual AC Power Supplies<br>Fully integrated APCON software and WebXR, tested and ready for deployment<br>Certified Transceivers (required for support) |
| <b>0200-125-R</b> | 1G Copper SFP transceiver   |
| <b>0201-195-R</b> | 10G SFP+ transceiver, 1310nm 10km SMF   |
| <b>0201-196-R</b> | 10G SFP+ transceiver, 850nm MMF   |
| <b>0201-199-R</b> | 1G/10G Dual Rate SFP+ transceiver, 850nm MMF  |
| <b>0201-200-R</b> | 1G/10G Dual Rate SFP+ transceiver, 1310nm 10km SMF  |
| <b>0240-195-R</b> | 40G QSFP transceiver, 1310nm 10k SMF  |
| <b>0250-196-R</b> | 40G QSFP transceiver, 850nm MMF   |
| <b>9100</b>       | TitanXR Management Software License (Recommended)   |
| <b>HSSA-301</b>   | One Year Standard Support   |
| <b>HSGA-301</b>   | One Year Premium Support  |