Packet Controller Datasheets

Packet Controller External Bypass

Traffic Management

Deep Packet Inspection

Prioritize Applications

Burst Management

Manage all popular P2P

Scalable Product Line

Packet Controller is available in 5 models in a range of uplink from 2Mb/s to 40Gb/s. The same model is built on the same hardware.

Integration API

Packet Controller is designed to integrate with other systems on the network:

Billing System

Web Cache System

Provide Database interface and API

- 10/100/1000 TX (Copper), SX Gigabit (Multi mode) & LX Gigabit (Single mode) Support
- 10G SFP+ Support
- Flexible Deployment options including Copper, Multi-Mode Fiber, Single-Mode Fiber and Copper-to-Fiber Conversion
- Active switching of traffic in case of system failure
- Passive Bypass which is essential during power loss
- Plug and play
- Compact Desktop form factor
- Full RoHS compliance
- EMC, FCC Class A, UL Certifications

PacketController External Bypass is a Low Cost, Compact form factor Gigabit (10G) Ethernet External Active Bypass Switch. The active bypass enables plug and play connectivity, includes an auto heartbeat and does not require additional drivers to be installed on connected appliances.

Its passive bypass feature automatically switches the network traffic upon power failure of an attached in-line device, preserving network connectivity. Together with PacketController Platform, it provides perfect failover mechanism for high reliability and stability, which is a must for ISP networks.

PacketController External Bypass detects an appliance malfunction such as a software crash, system failure or loss of power, the in-line traffic continues to flow through the network link, but is no longer routed through the in-line device.

This ensures that network devices can be removed and replaced without network downtime or packet loss. Once the system is back up or the power is restored to the appliance, network traffic is seamlessly diverted back to the in-line device, allowing it to resume its critical functions.

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