

ST32C: Aggregating and Distributing Equipment (32*100G)

ST32C is a new type of high-density 100G Ethernet aggregating and distributing equipment, which has the characteristics of high port density, rich working mode, flexible high performance deployment, convenient management and maintenance, and can adapt to a variety of application environments. It can provide real-time network communication data for network information monitoring, network business analyzer, signaling analyzer and other equipment as required.

ST32C aggregating and distributing equipment provides 32 40G/100G interfaces, which can be flexibly configured as data input or output interfaces. The interface standard transceiver mode and single fiber receiving data mode can be connected in the link or in the link data after splitting.

ST32C aggregating and distributing equipment provides powerful intelligent flow selection and multi-channel monitoring functions, supports multiport data marking, aggregation, filtering, multiple copies of data packets or load balancing and distribution output, especially suitable for complex application environment with large number of links, large network traffic and high density. ST32C aggregating and distributing equipment completely surpasses the common network collector, and integrates the splitter, filter analysis equipment and load balancing equipment, providing a convenient and efficient data collection solution for network security, protocol analysis and signaling detection system.

Product diagram



Product feature

- High port density, providing 48x10GE and 6x100GE interfaces. 100GE and can support 4x10GE through breakout mode
- Ports can be flexibly configured as input and output interfaces
- Full duplex line speed flow processing capacity. Using ASIC chip to realize the line speed processing of traffic, even in the case of full line speed, no packet loss will occur

- Support full flow aggregation, which can aggregate the flow of all ports before processing and provide homoclinic output
- Provide detailed port traffic statistics counter
- It supports traffic replication, and can output multiple copies of traffic according to port, filter rule and other conditions
- Powerful packet classification processing function based on the input port, quintuple, characteristic field, application protocol class and other characteristics
- It supports a variety of traffic monitoring models, providing multi interface convergence monitoring, one division and multi replication monitoring, uplink and downlink separation monitoring, and load balancing homeostasis and homoclinic shunt output monitoring
- Friendly management interface, providing perfect command line management, web page management and SNMP management interface
- Provide detailed multi-level system log function
- Support multi device cascading and collaborative management functions to facilitate the collaborative work and management of multiple devices

Product specification

Item	Description
Dimension	445 x 44 x 340 mm (Width x Height x Depth)
Weight	Net weight: 6.6Kg; Gross weight: 8KG
Data interface	32*100GE/40GE (QSFP28) Ethernet ports
Management interface	1*10/100/1000M management network port RJ45; 1 standard UART console serial port, RJ45
Management style	Web page management mode; local or remote CLI command line interface; RPC remote call interface
Power	Dual redundant power supply AC: 100 ~ 240VAC (50Hz/60Hz) or 145 ~ 350VDC (High voltage direct current) DC: -40 ~ -60VDC
Maximum power consumption	380W
Environmental	Working temperature: 0 ~ 45°C; Storage temperature: -5 ~ 70°C; Humidity: 5% ~ 90% (non-condensing)
Environmental protection standard	RoHS 6