

## ST-X48C6: Aggregating and Distributing Equipment

ST-X48C6 is a new type of 40G / 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.

ST-X48C6 collection and distribution equipment provides 48x10GE and 6x100GE 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.

ST-X48C6 collection and distribution 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. STX48C4 collection and distribution 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 or 4x25GE 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
<b>Dimension</b>	445 x 44 x 340 mm (Width x Height x Depth)
<b>Weight</b>	Net weight: 6.6Kg; Gross weight: 8KG
<b>Data interface</b>	48*10GE (SFP+) ports; 6*100GE/40GE (QSFP28) ports
<b>Management interface</b>	2*10/100/1000M management network port RJ45; 1 standard UART console serial port, RJ45
<b>Management style</b>	Web page management mode; local or remote CLI command line interface; RPC remote call interface
<b>Power</b>	Dual redundant power supply AC: 100 ~ 240VAC (50Hz/60Hz) or 192 ~ 288VDC (High voltage direct current) DC: -36 ~ -72VDC
<b>Maximum power consumption</b>	Less than 200W
<b>Environmental</b>	Working temperature: 0 ~ 45°C; Storage temperature: -5 ~ 70°C; Humidity: 5% ~ 90% (non-condensing)
<b>Environmental protection standard</b>	RoHS 6