



Techsis Se-4048

XXXXXXXXXXXXXXXXXX

DESCRIPTION

The Techsis SE-4048 is a new generation of high-performance hardware and software platform to provide flexible and cost-effective full Gigabit access and uplink ports. It supports Layer 3 routing protocols, complete security protection mechanisms, and complete ACL/QoS policies and enrichment. The VLAN function is easy to manage and maintain. It meets the user's easy-to-manage, high-security, and low-cost networking requirements for network devices. It is suitable for network access, aggregation, and core application scenarios in campus, hotel, and enterprise campus.

FEATURES

Ports

- 48 10/100/1000Mbps RJ45 ports
- 4 10G SFP+ fiber ports
- 1 RJ45 Console port, 1 Mini-USB Console port

Performance

- Backplane bandwidth: 176 Gbps
- Packet forwarding rate: 136 Mpps

Spanning tree

- Supports STP, RSTP and MSTP protocols

L3/Routing:

- Static routing, OSPF v1/v2, RIP v1/v2
- IPv4, IPv6 Address Configuration

IPv6

- IPv6 Ping, IPv6 Tracert, IPv6 Telnet,
- IPv6 SSH, IPv6 SSL

Multicast

- IGMP v1/v2 Snooping, Fast Leave Mechanism
- Multicast VLAN, Multicast Filtering, Packet Statistics, and Unknown Multicast Discards

Link aggregation

- Static Aggregation, Dynamic Aggregation
- IP, MAC, Hybrid Load Balancing Mode

Access Control (ACL)

- L2 (Layer 2) ~ L4 (Layer 4) packet filtering
- Port Mirroring, Port Redirection, Flow Rate Limiting, QoS Re-Marking

DHCP

- DHCP server, Rarely, Snooping

VLAN

- 802.1Q VLAN, MAC VLAN, IP VLAN, Voice VLAN

QoS

- Port Priority, 802.1P Priority, DSCP Priority
- SP, WRR, W FQ Priority Scheduling Algorithm

ORDERING

Part Number	PSU	Chipset	CPU	Airflow	Power cord
SE-4048-O-AC-FB-EU	Dual AC PSUs	Broadcom Hurricane2	Arm Cortex A9	Panel to Power	Europe
SE-4048-O-DC-FB-XX	Dual DC PSUs	Broadcom Hurricane2	Arm Cortex A9	Panel to Power	-
SE-4048-O-AD-FB-EU	AC-DC PSUs	Broadcom Hurricane2	Arm Cortex A9	Panel to Power	Europe
SE-4048-O-AC-BF-EU	Dual AC PSUs	Broadcom Hurricane2	Arm Cortex A9	Power to Panel	Europe
SE-4048-O-DC-BF-XX	Dual DC PSUs	Broadcom Hurricane2	Arm Cortex A9	Power to Panel	-
SE-4048-O-AD-BF-EU	AC-DC PSUs	Broadcom Hurricane2	Arm Cortex A9	Power to Panel	Europe