850X-54

54-Port GbE Managed Switch with 6 10G SFP+ Uplinks

Introduction

Proscend 54-Port GbE Managed Switch 850X-54 supports 48 RJ45 10/100/1000BASE-T ports and provides an additional six 10G SFP+ ports for optical connections using multimode or single-mode SFP/SFP+ transceivers. The 850X-54 enables diversified combinations of network bandwidth and can handle extremely large amounts of data between network edge switches and core networks.

Features

- 10G SFP+ on all uplink fiber interfaces.
- Full Gigabit Ethernet on all copper interfaces.
- Non-blocking full wire speed.
- Support Link Aggregation, up to 120Gbps uplink bandwidth in duplex mode.
- Support Spanning Tree Protocol STP/RSTP/MSTP.
- QoS CoS/DSCP to increase determinism.
- Support Storm control.
- Access Control List (ACL).
- Auto VLAN assignment.
- IPv6 manageable.
- Support Jumbo frames.
- 19" rack mountable.

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Specifications

Interfaces	**Management**
■ 48 x LAN port: 100/1000BASE-T (RJ45)	■ Web-based Management, HTTP/HTTPS, Console, CLI, Telnet, SSH
■ 6 x Uplink port: 10G SFP+ slot	■ SNMP v1, v2c, v3, Syslog
■ 1 x Reset Button	■ HTTP/TFTP firmware upgrade
■ 1 x Console port by RJ45 type	■ SNTP
■ 1 x AC socket	**Power**
Network Resilience	■ Internal power supply
■ IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP	■ Input: 100~240 VAC ,50/60Hz
■ LACP: Static trunk	■ System power consumption: 54W
Protocols & Security	**LED Indicators**
■ Port-based VLAN	■ Power input, System status, and Alarm
■ IEEE 802.1ab Link Layer Discovery Protocol (LLDP)	■ Ethernet LAN port Link & Speed
■ IEEE 802.1p QoS, IGMP, Port-based traffic shaping	■ SFP+ port Link & Speed
■ IP and MAC-based access control	**Environment & Regulatory Compliance**
■ IEEE 802.1X authentication Network Access Control	■ Operation temperature: 0 to 50°C
■ Multicast, Broadcast, Flooding Strom Control	■ Storage temperature: --40 to 70°C
■ DoS, Dynamic ARP Inspection, DHCP Snooping, IP Source Guard	■ Humidity (non-condensing): 10 to 90%
Mechanical	■ EMC Class A FCC CFR Title 47, Part 15, Subpart B, ICES-003 Issue 7, ANSI C63.4 CE EN55032, EN55035, EN IEC 61000-3-2, EN 61000-3-3, AS/NZS CISPR 32
■ Dimension (H x D x W): 45 x 270 x 441 mm	■ Electrical safety: EN62368-1
■ Weight: 4830 g	■ RoHS (Pb free) and REACH compliant
■ 3 x Fan	■ MTBF: > 25 years @25°C
■ Rack mounting	**Standards and Certifications**
	■ CE&UKCA
	■ FCC

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Dimensions

Unit: mm

Rear view
441
45

Top view

270

side view

side view

front view
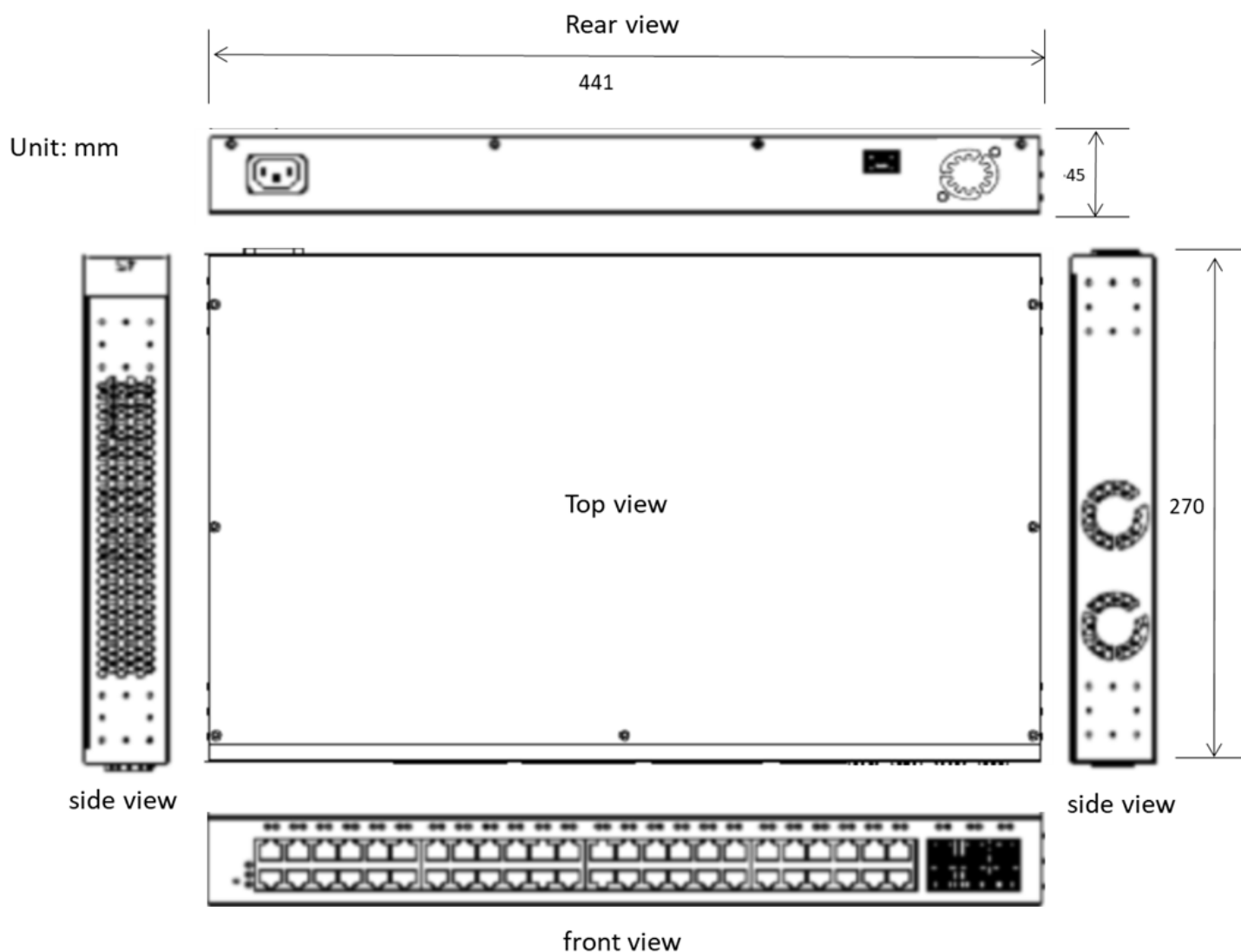
Ordering Information

Model Name	Description
850X-54	54-Port GbE Managed Switch with 6 10G SFP+ Uplinks

NOTE: Features and specifications are subject to change without prior notice.

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