850X-28I

Industrial 28-Port GbE Managed Switch with 4 10G SFP+ Uplinks

Introduction

Proscend Industrial 28-Port GbE Managed Switch 850X-28I supports 24 RJ45 10/100/1000BASE-T ports and provides additional four 10G SFP+ ports for optical connections using multimode or single-mode SFP/SFP+ transceivers. The 850X-28I 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 80Gbps 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

- 24 x LAN port: 100/1000BASE-T (RJ45)
- 4 x Uplink port: 10G SFP+ slot
- 1 x Reset Button
- 1 x Console port by RJ45 type
- 1 x AC socket

Network Resilience

- IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP
- LACP: Static trunk

Protocols & Security

- Port-based VLAN
- IEEE 802.1ab Link Layer Discovery Protocol (LLDP)
- IEEE 802.1p QoS, IGMP, Port-based traffic shaping
- IP and MAC-based access control
- IEEE 802.1X authentication Network Access Control
- Multicast, Broadcast, Flooding Strom Control
- DoS, Dynamic ARP Inspection, DHCP Snooping, IP Source Guard

Mechanical

- Dimension (H x D x W): 44 x 196 x 441 mm
- Weight: 2616g
- Fan-less
- Rack mounting

Management

- Web-based Management, HTTP/HTTPS, Console, CLI, Telnet, SSH
- SNMP v1, v2c, v3, Syslog
- HTTP/TFTP firmware upgrade
- SNTP

Power

- Internal power supply
- Input: 100~240 VAC ,50/60Hz
- System power consumption: 24W

LED Indicators

- Power input, System status, and Alarm
- Ethernet LAN port Link & Speed
- SFP+ port Link & Speed

Environment & Regulatory Compliance

- Operation temperature: 0 to 60°C
- Storage temperature: --40 to 70°C
- Humidity (non-condensing): 10 to 90%
- 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
- Electrical safety: EN62368-1
- RoHS (Pb free) and REACH compliant
- MTBF: > 25 years @25°C

Standards and Certifications

- CE&UKCA
- FCC

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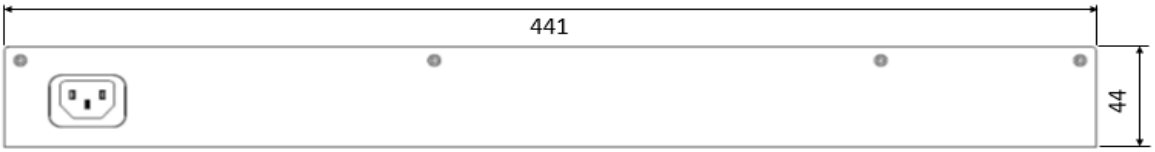
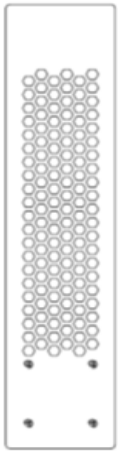
Dimensions

Unit: mm

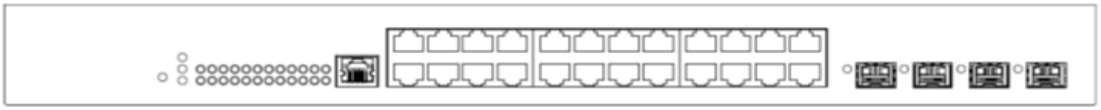


Rear View



Side View

Top View



Front View

Ordering Information

Model Name	Description
850X-28I	Industrial 28-Port GbE Managed Switch with 4 10G SFP+ Uplinks

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

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