

850G-10

10-Port GbE Managed Switch with 2 GbE SFP Uplinks



Introduction

Proscend 10-Port GbE Managed Switch with 2 GbE SFP Uplinks 850G-10 is a commercial 10-port managed Ethernet switch designed for SMB, office, building system, IP surveillance, and general enterprise edge networks. Equipped with eight GbE RJ45 ports and two GbE SFP uplinks, it provides reliable Gigabit copper access and flexible fiber uplink expansion for edge-to-core network deployment. The switch is suitable for customers who need stable data transmission, practical network expansion, and managed Layer 2 switching for everyday commercial network operations.

With support for SFP fiber uplinks and Layer 2 traffic control features such as VLAN, QoS, STP/RSTP/MSTP, Link Aggregation, IGMP/MLD Snooping, and SNMP-based monitoring, the switch helps improve network availability, traffic control, and operational efficiency. Its commercial deployment value makes it a suitable solution for office networks, building systems, IP surveillance backbones, and SMB edge networks that require dependable copper and fiber connectivity, streamlined administration, and a cost-effective path for expanding managed Gigabit network capacity with clear operational control.

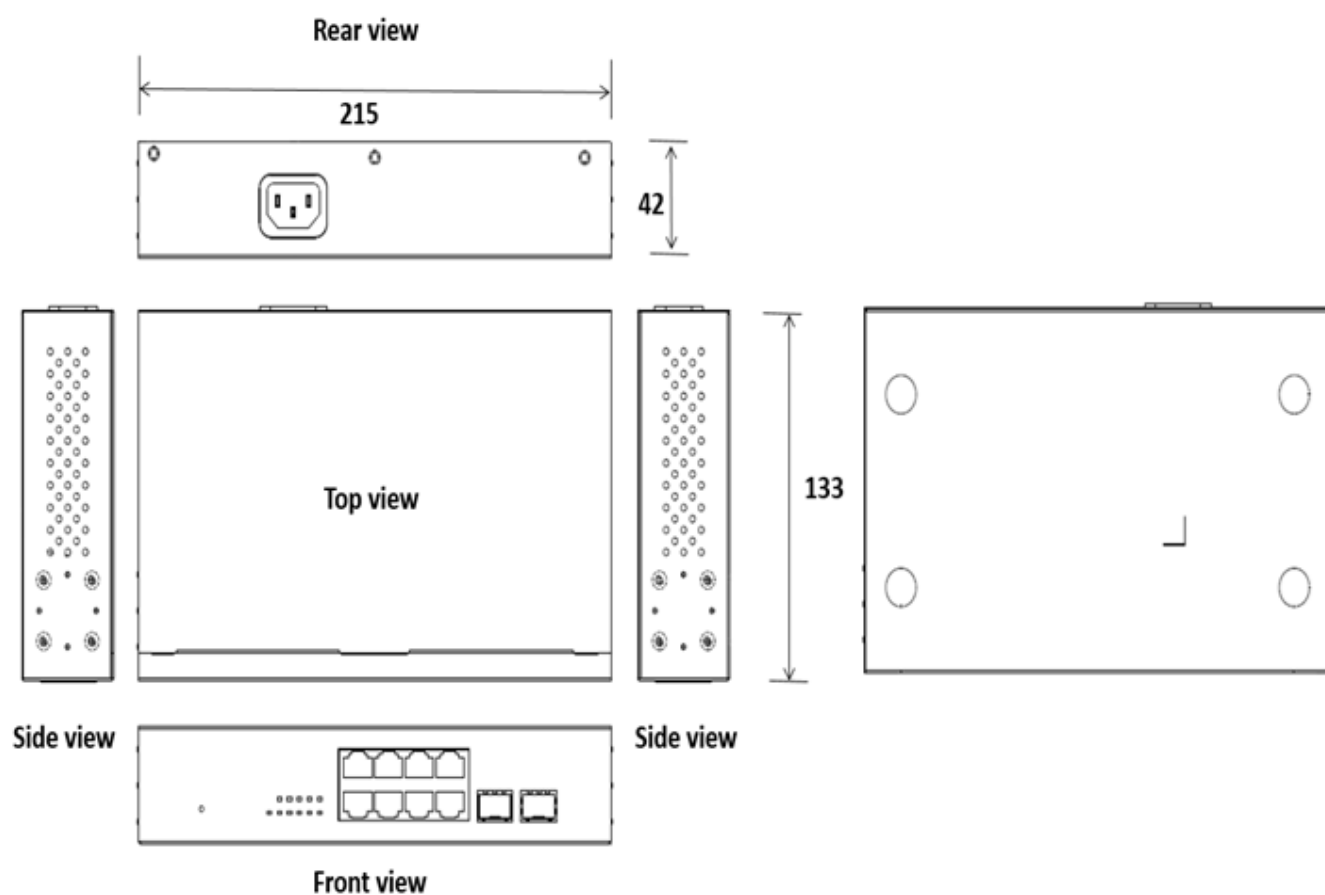
Features

- Enhances network access control with RADIUS, TACACS+, AAA, ACL, and Port Security
- Helps protect access networks with DHCP Snooping, Dynamic ARP Inspection, and IP Source Guard
- Simplifies administration with Web-based management, SNMP, and RMON monitoring
- Supports firmware upgrade, configuration backup, and diagnostics for streamlined maintenance
- Provides Jumbo frame support and 20 Gbps switching capacity for high-throughput data transmission
- Designed with fanless operation for quiet and reliable commercial deployment

Specifications

Interfaces ■ 8 x GbE RJ45 ports ■ 2 x GbE SFP uplinks ■ 1 x Reset button for system reboot and factory default restoration Standards ■ IEEE 802.3 10BASE-T ■ IEEE 802.3u 100BASE-TX ■ IEEE 802.3ab 1000BASE-T Ethernet ■ IEEE 802.3z 1000BASE-X ■ IEEE 802.3x Flow Control ■ IEEE 802.3az Energy Efficient Ethernet Network Resilience ■ Link Aggregation ■ LACP ■ STP/RSTP/MSTP ■ UDLD Protocols & Security ■ Jumbo frame support ■ VLAN, Voice VLAN, Protocol VLAN, MAC VLAN, Surveillance VLAN, and GVRP ■ IEEE 802.1ab Link Layer Discovery Protocol (LLDP) ■ IEEE 802.1p QoS and rate limiting ■ IGMP Snooping and MLD Snooping ■ RADIUS, TACACS+, and AAA authentication ■ MAC, IPv4, and IPv6 ACL ■ Storm Control ■ DoS protection ■ Dynamic ARP Inspection, DHCP Snooping, IP Source Guard ■ Port Security and protected port Mechanical ■ Dimension: 215(W) x 133(D) x 42(H) mm ■ Weight: 795 g ■ Installation: Rack mounting ■ Enclosure: Metal Case ■ Fanless design	Management ■ HTTP/HTTPS, Telnet/SSH ■ SNMP v1/v2c/v3, Syslog, RMON ■ SNTP ■ Firmware/configuration upgrade and backup via TFTP/HTTP ■ Ping, traceroute, Copper cable and SFP diagnostics Power ■ Internal power supply ■ Input: 90 to 264 VAC/47 to 63 Hz ■ Output: 12V/1A LED Indicators ■ PWR/SYS LED ■ RJ45 port link/activity LED ■ SFP port link/activity LED Environment & Regulatory Compliance ■ Operating temperature: -5°C to 50°C ■ Storage temperature: -40°C to 70°C ■ Operating humidity: 10% to 90% RH, non-condensing ■ Storage humidity: 5% to 90% RH, non-condensing ■ Safety: EN 62368-1 ■ EMI: AS/NZS CISPR 32, FCC 47 CFR Part 15 Subpart B, ICES-003 ■ EMC: EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3 ■ RoHS (Pb free) and REACH compliant ■ MTBF: > 25 years @25°C Standards and Certifications ■ CE&UKCA ■ FCC
---	---

Dimensions



Unit: mm

Ordering Information

Model Name	Description
850G-10	10-Port GbE Managed Switch with 2 GbE SFP Uplinks

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