



Managed Switch

SMC6752AL2

TigerSwitch™ Standalone 48-port 10/100 + 2 10/100/1000 Base-T ports + 2 1000BaseT/SFP Combo Ports



OVERVIEW

The TigerSwitch 10/100 features 48 10/100 ports + 4 gigabit ports. The gigabit ports are 2 x 1000Base-T and 2 x RJ-45/SFP combo ports. The switch 1RU high, carries a full range of advanced features including: QoS, VLAN

support with GVRP, link aggregation, port mirroring, Spanning Tree support, and standard management interfaces.

FEATURES	BENEFITS
High-port density and migration protection in a small footprint	Supports 48*10/100Mbps with 4 gigabit ports in an 1RU chassis
QoS	Support four levels of priority, with weighted fair queuing and L2/3/4 IP precedence--ensures smooth transmission of mission critical data
VLAN with GVRP and 802.1s/v	Support VLANs based on frame tags or ports, plus support for automatic GVRP LAN registration spanning tree per VLAN--provides maximum security and bandwidth efficiency
IGMP Snooping	Only allows IP Multicast traffic transmission to the registered members, resulting bandwidth savings--reduce IP multicast traffic and increase LAN performance
MultiLink Trunking with LACP	Enables multiple physical links to be grouped together to provide a logical higher bandwidth link.
Comprehensive security support	Currently supports RADIUS, IEEE802.1x, SSH, SSL,TACACS+, ACL



TECHNICAL SPECIFICATIONS

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PORTS

- 48 10/100 Ports Auto-MDIX
- 2 Gigabit Copper Ports
- 2 Gigabit Combo (RJ-45/SFP) Ports

OPTIONAL UPLINKS

- 2 1000BASE-T Ports
- 2 1000BASE-T/SFP Ports

1000BASE-X

- 2 SFP

SWITCHING FABRIC BACKPLANE

- 17.6 Gbps

FORWARDING RATE

- 13.2 Mbps

WEIGHT

- 6 lbs
- 2.7 Kg

WARRANTY

- Limited Lifetime

DIMENSIONS

- 17.4 x 9.0 x 1.8 in
- 440 x 230 x 43 mm

MAC ADDRESS

- 8K

BUFFER SIZE

- 4M

BANDWIDTH/SECURITY MANAGEMENT

- Link Aggregation
 - 4 sets
 - 8 ports per trunk
- Multicast support
 - IGMP snooping v1/v2
- VLAN (802.1Q VLAN tagging, GVRP VLAN reg.)
 - 255 Port or protocol based
- IEEE802.1v (protocol based)
- Private VLANs
- QoS support
 - 802.1p (four queues)
- Scheduling for priority queues
 - Strict and WRR
- Random Early Detection
- DSCP based CoS
- TCP/UDP based CoS
- Broadcast storm
 - Jumbo Packets
 - up to 9Kbytes
- RADIUS
- TACACS+
- IEEE802.1w
- IEEE802.1s (multiple STA)
- SSL

- MAC address filter
- SNMPv2
- ACL
- Rate Limiting
- DiffServ
- SNTp

MANAGEMENT

- CLI
- NMS
 - EliteView
- Web-based

COMPLIANCES

- CE

EMISSIONS

- FCC Class A
- Industry Canada Class A
- EN55022 (CISPR 22) Class A
- VCCI Class A

SAFETY

- CSA/NRTL (CSA 22.2.950 & UL 1950)
- EN60950 (TÜV/GS)

OPTIONAL PLUG-IN TRANSCEIVERS

SMCBGSLCX1

- 1000BASE-SX
- LC Multimode fiber
- Range - 220m for 62.5/125m, 850nm
- Range - 550m for 50/125m, 850nm

SMCBGLLCX1

- 1000BASE-LX
- LC Singlemode fiber
- Range - 10Km for 9/125m, 1310nm

SMCBGZLCX1

- 1000BASE-ZX
- LC single mode fiber
- Range - 70 to 100Km for 9/125, 1310nm

Contact

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