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You can read the recommendations in the user guide, the technical guide or the installation guide for SMC 8504T. You'll find the answers to all your questions on the SMC 8504T in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual SMC 8504T
User guide SMC 8504T
Operating instructions SMC 8504T
Instructions for use SMC 8504T
Instruction manual SMC 8504T

EZ Switch 1000

- ◆ 4 10/100/1000 RJ-45 Ports
- ◆ Store-and-Forward mode with wire-speed filtering and forwarding
- ◆ Auto MDI/MDIX on 1000BaseT ports
- ◆ Half- and full-duplex flow control
- ◆ "Smart Function" features:
 - Console port to manage configuration changes
 - Port-based VLAN and L2 Trunking with link fail-over
 - Priority Queues on each port
- ◆ Desktop and rack mountable
- ◆ Plug and play for ease of installation, maintenance and use

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User Guide
SMC8504T



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Manual abstract:

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* SMC will provide warranty service for one year following discontinuance from the active SMC price list. Under the limited lifetime warranty, internal and external power supplies, fans, and cables are covered by a standard one-year warranty from date of purchase. COMPLIANCES FCC Class A This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with instructions, may cause harmful interference to radio communications.

@@@@@The status LEDs should be clearly visible. @@@@Grounding: Rack-mounted equipment should be properly grounded. @@@@For rack-mounting, attach the mounting brackets to both sides of the switch with the screws provided, then install the switch in the rack. 2. Applying Power: Plug one end of the power cable into the power receptacle at the back of the switch, and the other end into an appropriate electricmember >> [A] ADD [D] Delete [C] Setting [E] Exit Select: >> 6.

@@@@If the uplink port is not a member of the VLAN, the broadcast or multi frames will not be forwarded to its designated uplink port. Multiple VLANs can share the same uplink port. 7. Monitor Port This feature provides complete network monitoring capability at 100Mbit/s. A copy of egress (TX) data and ingress (RX) data of the mentioned port is sent to their respective snooping ports. l Select:>>6 Monitor Port [M] Monitored Port [I] Monitoring port for Incoming Packets [O] Monitoring Port for Outgoing Packets [D] Disable Port Monitor [E] Exit Select: >> 8. View Configuration Display configuration of trunk, uplink and VLAN l Select: >>7 [Current TRUNK] Disable [Current UpLink] Disable [Current VLAN] Group 1 >> 1234 Press any key to continue.



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. 9. Restore to Factory Default Select "8" from Main Menu to restore to the default setting as mention before.

EZ SWITCH 1000 SPECIFICATIONS Model SMC8504T Ports 4 RJ-45 ports 10/100Mbps, Twisted-pair, optional straight-through or crossover 1000Mbps, 4 pairs, optional straight-through or crossover Network Interface RJ-45: 100ohm, UTP/STP cable 10/100Base EIA/TIA Categories 3 or 5 cable 1000Base EIA/TIA Categories 5 LEDs 1000Mbps one per port 100Mbps one per port 10Mbps one per port FDX/ COL (full duplex/collision) one per port Act (activity) two per port (TX, RX) Switching Method Store and forward MAC Address Table 32K entries Memory Buffer 8Mbyte per unit Filtering/ Forwarding/ Learning Rates Full line rate Size 12.99 x 8.66 x 1.73 in (33 x 22 x 4.4 cm) Weight 4.18 lbs (1.9kgs) Temperature Operating: 32° to 122°K (0° to 50°K) Storage: ° to °K (-20° to 70°K) Humidity, non-condensing 5% to 90% Power Requirements Universal AC input: 100 to 240 VAC, 50 to 60 Hz Power Consumption 21 Watts maximum Heat Dissipation BTU/hr maximum Maximum Current 0.2A @N 110 VAC 0.1A @N 240 VAC Standards ANSI/IEEE 802.3 ANSI/IEEE 802.

3u ANSI/IEEE 802.3ab ANSI/IEEE 802.3z EMC/ Safety Compliances CE Mark Emissions FCC Class A Safety CSA/UL (C22.2.950, UL 1950) Limited Warranty Lifetime CABLE SPECIFICATIONS Cable Type and Connector 10Base-T Cable Type Category 3, 5 UTP/STP Length 100m (328 ft) Connector RJ-45 100Base-TX Cable Type Category 5 UTP/STP Length 100m (328 ft) Connector RJ-45 1000Base-TX Cable Type Category 5 UTP/STP Length 100m (328 ft) Connector RJ-45 RJ-45 Connector Pin Assignment Caution: DO-NOT plug a phone jack connector into any RJ-45 port.

Use only twisted-pair cables with RJ-45 connectors that confirm with FCC standards. An Ethernet or Fast Ethernet twisted-pair link segment requires two pairs (or 4 pairs for 1000Mbps) of wires. Each wire pair is identified by two (or four) different colors. For example, one wire might be green and other, green with a white stripe. Each wire pair must be attached to the RJ-45 connector in a specific orientation.

Note how the pins are numbered in the illustration below. Be sure to hold the connectors in the same orientation when attaching the wires to the pins. RJ-45 Pin Assignments Straight-Through Cable End 1 1 (Tx+) 2 (Tx-) 3 (Rx+) 6 (Rx-) End 2 1 (Tx+) 2 (Tx-) 3 (Rx+) 6 (Rx-) RJ-45 Pin Assignments Crossover Cable End 1 1 (Tx+) 2 (Tx-) 3 (Rx+) 6 (Rx-) End 2 3 (Rx+) 6 (Rx-) 1 (Tx+) 2 (Tx-) Note: This EZ-8504T can support Auto MDI/MDI-X. CONNECTIVITY GUIDELINES Crossover/ Straight-Through Wiring Requirements If the port on the EZ Switch 1000 is... Crossover (x) Straight-through (=) Straight-through (=) And the port on the Then use ... cable other device is .

.. Crossover Straight-through Crossover Straight-through Crossover Straight-through Straight-through Crossover Front-Panel LEDs The front panel of the switch provides a link status LED for each RJ-45 port. In addition, the front panel also contains status LEDs for "at-a-glance" system monitoring. The following table details the functions of the various indicators: Port and Switch Status LEDs LEDs 1000 Mbps 100 Mbps 10 Mbps Fdx/ Col Condition Green Green Green Status Indicates that the port is operating at 1000 Mbps Indicates that the port is operating at 100 Mbps Indicates that the port is operating at 10 Mbps Indicates that the port is operating in full-duplex mode Flashing Green Indicates a collision occurred on the port segment when operating in half-duplex mode. Act (TX, RX) Green Indicate that the connection between port and attached device is valid. Front-Panel Ports The front-panel ports are multi-speed RJ-45 ports with built-in wiring crossovers. @@@@ Replace the power cord. 2. Symptom Link LED does not light after connection is made.

Probable Causes Switch port, network card or cable may be defective. Possible Solutions 1 1 Check that the switch and attached device are both powered on. Be sure the network cable is connected to both devices Verify that Category 5 cable is used for 100Mbps connections and that the length of any cable does not exceed 100 meters (328 feet). 1 1 Check the network card and cable connections for defects. Replace the defective card or cable if necessary.

FOR TECHNICAL SUPPORT, CALL: From U.S.A. and Canada (24 hours, 7 days a week) (800) SMC-4-YOU; (949) 707-2400; (949) 707-2460 (Fax) From Europe (8:00 AM - 5:30 PM UK Greenwich Mean Time) 44 (0) 1188 748740; 44 (0) 1189 748741 (Fax) INTERNET E-mail address: techsupport@smc.com european.

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