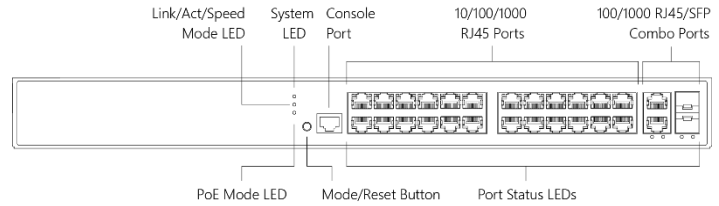


### SM24TBT2DPA

**Managed Switch, 24-port Gigabit PoE++, 2-port SFP/RJ-45 Combo**  
**Quick Start Guide**



Lantronix SM24TBT2DPA Switch is a next-generation Ethernet switch offering full L2 features, full PoE functionality, and PoE++ per port output up to 90W. The *Non-Stop PoE* feature lets you upgrade switch firmware or reboot while retaining PoE power to PDs. **Note:** see the Install Guide for important Safety Warnings and Cautions, specifications, features, mounting, connections, grounding, powering, configuration, troubleshooting, regulatory, service, warranty and tech support Information.

**LED Descriptions:** The front panel LEDs provide switch status checking and monitoring.

**SYS (System) LED:** indicates if the switch is powered up correctly or if there is a system alarm triggered.

**Mode LEDs:** indicate the mode of all RJ45/SFP ports on the switch. You can press the **Mode/Reset** button sequentially to switch between the two different modes (Link/Activity/Speed mode and PoE mode).

**Port Status LEDs:** indicate the current status of each RJ45/SFP port. Check these LEDs for port status in different modes after changing the mode by pressing the **Mode/Reset** button.

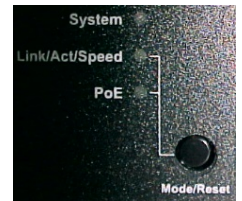
Press the **Mode/Reset** button for less than 2 seconds to change LED mode (Link/Act/Speed Mode or PoE Mode); you can then check the port status by reading the LED behaviors per the Install Guide.

**Mode/Reset Button:** Press the front panel Mode/Reset Button for a period of time to:

**Change LED Mode:** Press button for 0 ~ 2 seconds; SYS LED is ON Green; Port Status LED status changes based on mode selected.

**Reset Switch:** Press button for 2 ~ 7 seconds; SYS LED blinks Green; all port Status LEDs are Off.

**Restore Defaults:** Press button for 7 ~ 12 seconds; SYS LED blinks Green; all port Status LEDs are On.



**Back Panel:** The back panel provides for dual hot-swappable 1560W power supplies for powering the switch. The switch ships with one power supply (780 Watts) standard; use a secondary power supply module (1560 Watts) if the full 90 Watts output is needed on all ports.

**Package Contents:** Check package contents to make sure you have received the one Switch with a Power Supply installed, one AC Power cord, a second Power Supply (Optional), one RJ-45 to DB-9 cable, and four rubber feet.

**Install SFP Modules:** Do not look into laser ports. **1.** Position the SFP at either install slot with the SFP label facing correctly. **2.** Carefully slide the SFP device into the slot, aligning it with the internal installation guides. **3.** Press firmly so the SFP firmly seats against the internal mating connector. **4.** Attach an appropriate cable into the SFP module port. **5.** Attach the other end of the cable into the other device.



**Grounding: ATTENTION:** This case must be grounded. No DC input may be earth grounded. Use Isolated Power Supply. **Note:** The switch is an indoor device. If it used with outdoor devices such as outdoor IP cameras or outdoor WAPs, then you should install a surge protector or surge suppressor in order to protect the switch.

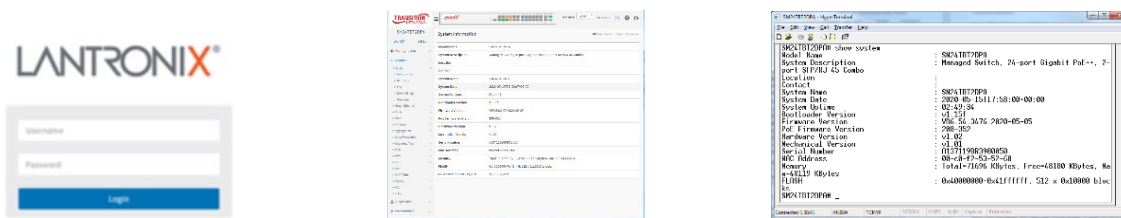


**Connect to Power: CAUTION!** Hazardous Area: Do Not remove this cover. Trained service people only. No serviceable components inside. **CAUTION:** Hot Surfaces. **WARNING:** For continued protection against risk of fire, replace only with same type & rating of fuse. **Note:** 'To Keep Warranty Please Do NOT Remove' sticker. **Warning:** Class I Equipment. This equipment must be earthed. Power plug must be connected to a properly wired earth ground socket outlet. An improperly wired socket outlet could place hazardous voltages on accessible metal parts. **Warning:** Shock hazards exist that can result in serious injury or death if safety instructions are not followed. **Note:** This product is to be connected only to UL listed PoE networks and without routing to the outside plant. **Power Connection Warning:** Connect power supply to switch first, then connect the power supply to power. Otherwise catastrophic product failure may occur. **1.** Verify power is off to the DC circuit that you are going to attach to the switch PoE DC-input connector. This can be either of two power supplies (AC or DC input) or site source DC. **2.** Put a safety flag and lockout device at the source power circuit breaker or put a piece of tape over circuit breaker handle to prevent accidental power restore while you work on the circuit. See the *Install Guide*. **Power Disconnection:** After successful boot: **1.** Turn off power to switch. **2.** Disconnect cables.

**Connect AC Power Cord: Warning:** Risk of electrical shock. **Warning:** Shock/damage hazard exists if power supply installed/removed with power on. **1.** See "Grounding" section above. **2.** Remove blank faceplate or use the one open power supply slot. **3.** Fasten the AC Power Supply with the slotted retaining screw. **4.** Insert the provided AC Power plug into the switch AC receptacle (power inlet). **5.** Connect the other end of the AC power cord to the AC power outlet. **6.** Check that **AC OK** and **DC OK** LEDs are lit.



**Initial Config via Web Browser:** **1.** Connect PC Ethernet RJ45 connector to switch via standard Ethernet LAN cable. **2.** Power up PC to be used for initial config. **3.** Reconfigure PC's IP address & Subnet Mask to communicate with switch. **4.** Power up switch to be initially configured and wait until it finishes its start-up processes. **5.** Connect PC to any port on the switch using standard Ethernet cable; make sure switch port LED is lit. **6.** In Web browser, enter switch default IP address (192.168.1.77) and Subnet Mask (255.255.255.0). The Login page displays. **7.** Enter factory default Username (admin) and Password (admin). **8.** Click the "Login" button to log into the switch. See the *Web User Guide*.



**Initial Config via CLI:** **1.** Use an RJ-45 cable to connect a terminal or PC/terminal emulator to the switch. **2.** Attach the RJ-45 serial port on switch front panel to cable for Telnet/CLI configuration. **3.** Attach the other end of the DB-9 cable to a PC running Telnet or a terminal emulation program. **4.** After first time switch power up, perform initial switch config using the CLI. See the *CLI Reference* for other switch features.

**Related Documentation :** SMxxTAT4Xx Install Guide 33785, Web User Guide 33786, CLI Reference 33787. **Contact Us :** Toll Free: 800-526-8766. Phone: 949-453-3990. Fax: 949-453-3995. [Technical Support](#). [Sales Offices](#).

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