SM-T300 Printer Configuration

> The SM-T300 Printer is a mobile Bluetooth hardware printer used to issue physical citations from the OPSCOM Enforce application. Its primary purpose is to print physical tickets in the field, and this guide outlines how to configure its core hardware connection and power-saving settings. This article is intended for OPSCOM administrators and field enforcement personnel.

Setup and Configuration

Before the SM-T300 printer can successfully pair with your Android handheld and print tickets, you must ensure its internal hardware settings are configured to broadcast a standard Bluetooth signal and manage power efficiently. All setup is performed directly on the physical printer using its hardware buttons.

Admin Side: Administrators should ensure that the printer hardware is fully charged and loaded with thermal paper before distributing it to field staff for configuration.

User Side (Enforcement Staff): Enforcement officers must follow the hardware button sequences below to properly configure the internal settings of the physical printer before attempting to pair it with their handheld device.

Using this Feature

Enforcement personnel must interact with the physical buttons on the printer's front panel to navigate its internal menus and adjust the operational modes.

Configuring Bluetooth Mode

To pair the printer with a handheld device, the printer must be set to the standard Bluetooth mode, rather than UART or Bluetooth (iAP).

1. Hold down the **Feed** button and **Power** button simultaneously for approximately 6 seconds until the printer enters setup mode.
2. Press the **Power** button to cycle through the available connection modes.
3. Stop cycling when the screen displays **Bluetooth.**
4. Hold down the **Feed** button and **Power** button simultaneously for approximately 6 seconds to confirm and save your connection setting.

Configuring Power Down Settings

To preserve battery life during patrols, you can configure the printer's timeout setting. It can be set to "no power down" or configured to power down automatically after 1 to 5 minutes of inactivity.

1. Turn the physical printer on.
2. Press and hold the **Power** button, then immediately press and hold the **Feed** button at the same time for approximately 5 seconds until the screen becomes backlit and enters Settings mode.
3. Press the **Feed** button to step through the settings menu until the screen displays *PWDN X min off* (where X represents the current timeout duration).
4. Press the **Power** button to cycle through the available timeout options.

5. Press the **Power** button and **Feed** button simultaneously once you have selected your desired wait time.

> **Configuration Confirmation** Once you save your power down settings by pressing both buttons simultaneously, the SM-T300 will automatically print out a short paper summary of your current settings and return to standard standby mode.

Best Practices and Considerations

- **Optimize your battery life: Always configure a power down timeout of 3 to 5 minutes to ensure the printer battery lasts through an entire enforcement shift.** Leaving the printer constantly powered on when not actively ticketing will drain the battery prematurely.
- **Verify connection modes: If your Android tablet cannot discover the printer during the initial pairing process, verify that the printer is in standard Bluetooth mode.** If it is accidentally set to Bluetooth (iAP), which is generally reserved for iOS devices, standard Android tablets will struggle to connect.

Supporting References

For more advanced configuration or troubleshooting, administrators can refer t o the official Star Micronics resources and SDK documentation below:

- Star Micronics StarIO SDK Application
- SM-T300 Hardware Manual PDF

- StarPRNT Android SDK Documentation PDF
- Mobile Printer Manual PDF
- StarIO POS Printer Android SDK Documentation PDF

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