



### WHAT'S IN THE BOX



#### xPico Wi-Fi Freescale Tower System Module

Pre-installed with:

- xPico Wi-Fi module
- u.FL to R-SMA cable
- xPico quick clip

#### PCB Strip Antenna



#### Antenna



#### Additional xPico Quick Clip



### Quick Start Guide

## 1 INITIAL SETUP

1. Install the Lantronix® xPico® Wi-Fi® Freescale Tower System Module into the Elevator boards of the Tower System.
2. On another level, install either a TWR-SER serial board, or a Freescale processor module.
3. For Serial Port 1 operation, set the jumpers JP16 through JP19 in the correct position. Note that Serial Port 1 is always routed to serial port 1 on the Tower System:
  - For use with TWR-SER, set them to 1-2
  - For use with MCU board, set them to 2-3
4. For Serial Port 2 operation, set the jumpers JP10 and JP11:
  - For routing to serial port 0 on Tower System, and use with an MCU board, set to 1-2
  - For routing to on-board FTDI USB to serial converter and to J3 USB connector, set to 2-3
5. For USB device port operation (available in future firmware release), set the jumpers JP5 and JP7.
6. For routing to J2 connector, set to 2-3.
7. Connect the power supply. The board can be powered either by the on-board power regulator that draws power from the J3 USB connector, or from the Tower System. If both are connected, the board will draw power from the Tower System.
8. By default the SoftAP mode is enabled with a default SSID of XpicoWiFi\_XXXXXX. Where XXXXXX are the last six characters of the unique xPico Wi-Fi serial number. This number is available on the module label. For example if the serial number on label were 0080A398010E then the SSID would be XpicoWiFi\_98010E.
9. Connect your device to the SSID detailed above. The default security for the xPico Wi-Fi SoftAP is WPA2 and the passphrase is XPICOWIFI.
10. Open a web browser and navigate to either [xpicowifi.lantronix.com](http://xpicowifi.lantronix.com) or [192.168.0.1](http://192.168.0.1).
11. When prompted enter the **USERNAME = admin** and the **PASSWORD = PASSWORD** to access the Configuration and Management web pages. (Both are case sensitive).

## 2 CONFIGURATION

### CONNECT TO INFRASTRUCTURE NETWORK

Once you can enter the Configuration and Management web pages via the SoftAP interface by following the previous steps, you can configure the xPico Wi-Fi module's client interface to connect to another infrastructure network.

On the web pages, click the QuickConnect link on the navigation bar on the left hand side. The xPico Wi-Fi will scan for available networks. Click on the desired Access Point profile, enter the password when prompted, then click Submit to save to the xPico Wi-Fi module's configuration.

The xPico Wi-Fi will connect to the infrastructure network and automatically obtain an IP address via DHCP.

### MANUAL SETUP

If you would like to configure the xPico Wi-Fi to connect to a network that is not currently available, you can manually setup the network in the WLAN Profiles menu. Refer to the xPico Wi-Fi User's Guide for details.

### IP ADDRESS

The Status page will display current information about the xPico Wi-Fi. You can view the IP address that was obtained from the DHCP server on the client connection under the wlan0 interface.

### Contact Technical Support

For technical support queries, visit <http://www.lantronix.com/support> or call (800) 422-7044 Monday – Friday from 6:00 a.m. – 5:00 p.m., Pacific Time, excluding holidays.

**Latest Firmware** For the latest firmware downloads, visit <http://www.lantronix.com/support/downloads>

**IP Address Assignment Tutorial** To view a tutorial on how to assign an IP address, visit <http://www.lantronix.com/support/tutorials>