

## PRODUCT CHANGE NOTICE

Dear Valued Lantronix Customer,

The purpose of this communication is to inform you of an upcoming change to the xPico Wi-Fi family of products. This change is part of our effort and commitment to continuous improvement of our products and processes.

### **Change Type**

Software

### **Products Affected**

Part Number	Description	Old Revision	New Revision
XPCW1002100B	xPico W1002 Wi-Fi Module, 802.11 b/g/n, SMT, U.FL Connector, Bulk	A11	B11
XPCW1002100S	xPico W1002 Wi-Fi Module, 802.11 b/g/n, SMT, U.FL Connector, Sample	A11	B11
XPCW1002100K	xPico W1002 Wi-Fi Module, 802.11 b/g/n, SMT, U.FL Connector, Kit	A11	B11
XPCW1003100B	xPico W1003 Wi-Fi Module, 802.11 b/g/n, SMT, On-Module Antenna, Bulk	A11	B11
XPCW1003100S	xPico W1003 Wi-Fi Module, 802.11 b/g/n, SMT, On-Module Antenna, Sample	A11	B11
XPCW1003100K	xPico W1003 Wi-Fi Module, 802.11 b/g/n, SMT, On-Module Antenna, Kit	A12	B12
XPW100100B-01	xPico Wi-Fi Module, 802.11 b/g/n, 40-pin Board-to-Board Connector, U.FL Connector, Bulk	C11	D11
XPW100100S-01	xPico Wi-Fi Module, 802.11 b/g/n, 40-pin Board-to-Board Connector, U.FL Connector, Sample	C11	D11
XPW100100K-01	xPico Wi-Fi Module, 802.11 b/g/n, 40-pin Board-to-Board Connector, U.FL Connector, Kit	C12	D12

Lantronix is pleased to announce the release of new xPico Wi-Fi Application Firmware version 1.4.0.0R28. This new firmware expands the Wi-Fi integration options for connected IoT products while delivering production ready network services to connected host microcontrollers.

### **Description and Extent of Change**

This new firmware offers several new features and improvements including:

- Support for UDP protocol within MUX (Enhanced Data Mode for Granular Connection Control)
- Ethernet (RNDIS) over USB to Wi-Fi Bridging
- Command Based Wi-Fi Connect to bypass autonomous mode for Wi-Fi connectivity
- Device Discovery via AP interface
- Application Module Framework for assembling custom firmware from available module binaries

- First release of SDK enabling Wireless MCU mode
  - Complete toolchain and build environment
  - API Enhancements
  - Various Demo modules exploring common use cases and API usage
  - API Documentation
- Various configuration and status objects as enhancements to existing features based on customer feedback
- Numerous bug fixes

For a full description of all the capabilities and enhancements, please refer to the release notes and xPico Wi-Fi User Guide. For customers that would like to take advantage of the above new capabilities, the firmware is now available for download from our website:

<http://www.lantronix.com/support/downloads.html>

**Effect of Change on Fit, Form, or Function**

Function change as noted above.

**Effective Date of Change**

Affected products with the above changes will begin shipping from the factory by May 31, 2016.

If you have any questions, please contact your sales representative or Lantronix Technical Support at (800) 422-7044 or (949) 453-7198.