

Date: 4/27/15

PCN No.: 301

PRODUCT CHANGE NOTICE

Dear Valued Lantronix Customer,

This is to inform you that a change will be made to the following product.

Change Type

Firmware and Hardware

Product Affected

Part Number	Description	Old Revision	New Revision
UD1100IA2-01	UDS1100 IA Single Port 10/100 Device Server with International Power Supply and Regional Adapters	A21	B22

Description and Extent of Change

Firmware Change

Lantronix is pleased to announce the release of new and improved firmware for the UDS1100-IAP for both Standard Tunneling as well as Modbus. These revisions offer the following improvements:

- Support of 6 byte MAC address schema (00-80-A3)
 The purpose of this change is to address the looming shortage/exhaustion of the 00-20-4A Ethernet MAC address range used on high volume products such as the UDS/SDS family and transition affected products to a range where we can continue to service our customers into the distant future.
- Implement new monitor mode command to show full firmware release version

Hardware Change

The EEPROM size is changing from 16 Kb to 32 Kb to support the new MAC address schema.

Standard Tunneling Version of the New Firmware – 6.11.0.0

Please note that in order to support the new Ethernet MAC address range, the UDS/SDS firmware revision must be 6.11.0.0 or newer. **The new Standard Tunneling firmware 6.11.0.0 supports older devices with the previous MAC address schema.**

- FW revision 6.11.0.0 is backward compatible with devices using the old MAC address schema (00-20-4A)
- FW revisions prior to 6.11.0.0 (6.10.x.x and older) are **not** compatible with devices using the new MAC address schema (00-80-A3). Loading older FW on devices with the 00-80-A3 MAC address schema may cause the device to not boot up.

For customers that would like to take advantage of FW revision 6.11.0.0, it is now available for download from our website: <http://www.lantronix.com/support/downloads.html>

Modbus Version of the New Firmware – 3.4.0.0

For customers using UDS1100 IA device servers in Modbus application can download firmware version 3.4.0.0 to take advantage of new improvements and support of 6 byte MAC address schema (00-80-A3).

Please note that in order to support the new Ethernet MAC address range, the UDS/SDS firmware revision must be 3.4.0.0 or newer. **The new Modbus firmware 3.4.0.0 supports older devices with the previous MAC address schema.**

- FW revision 3.4.0.0 is backward compatible with devices using the old MAC address schema (00-20-4A)
- FW revisions prior to 3.4.0.0 (3.3.x.x and older) are **not** compatible with devices using the new MAC address schema (00-80-A3). Loading older FW on devices with the 00-80-A3 MAC address schema may cause the device to not boot up.

For customers that would like to take advantage of FW revision 3.4.0.0, it is now available for download from our website: <http://www.lantronix.com/support/downloads.html>

Effect of Change on Fit, Form, Function, Quality, or Reliability

While the FW and HW are changing, product functionality remains the same.

Effective Date of Change

The above listed products with firmware 6.11.0.0 will begin shipping approximately on **August 1, 2015**. If you have any questions, please contact your sales representative or Lantronix Customer Support at (866) 649-0721 or (949) 453-3990 x342.