Optimum Instruments Inc.
Innovations in Data Collection
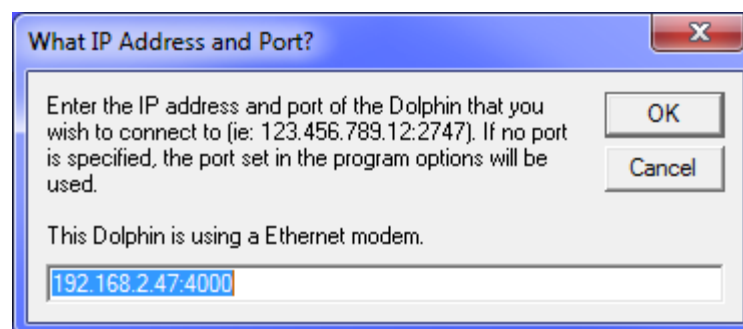
XPort Ethernet Initial Setup

Introduction

This guide details the configuration and management of devices using the Device Installer. It is intended for Network Administrators responsible for the configuration and maintenance of devices on the network.

For the end user use Device Installer to locate the IP Address of the unit plugged into the network for use with Data Dolphin 2 software.

Version 4.3.0.5
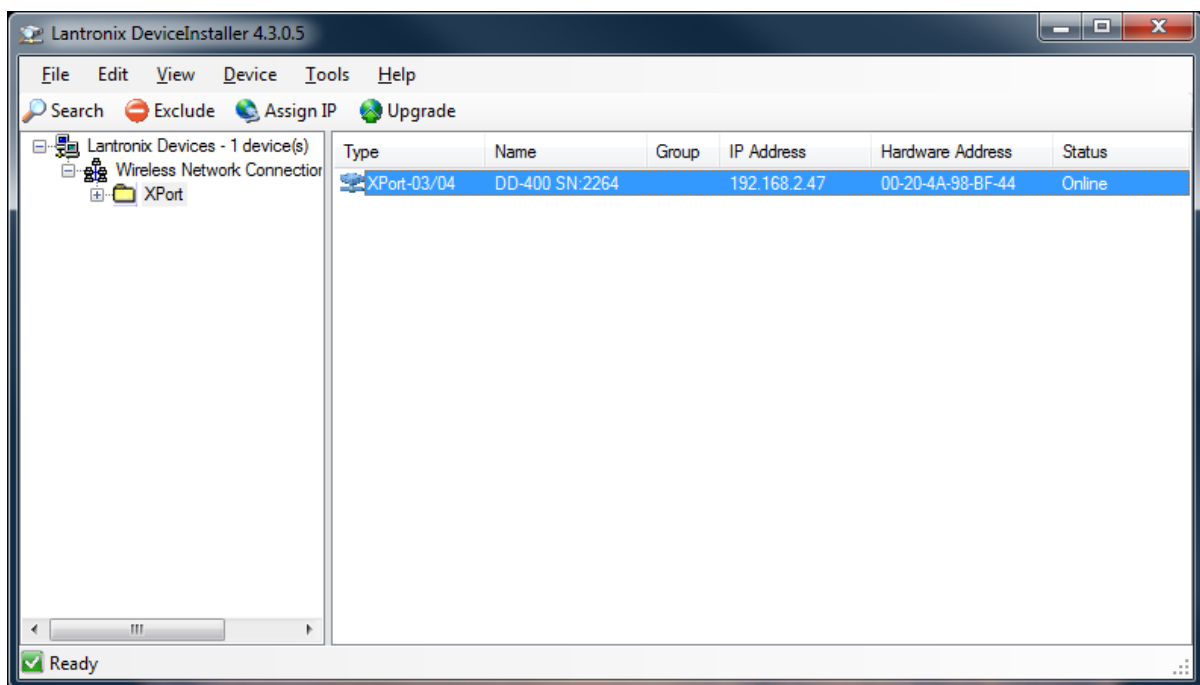
As seen above the IP Address is 192.168.2.47 and the XPort is set to use port 4000. In Data Dolphin 2 use these settings to connect to the Data Logger.

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#201, 3124 Parsons Road, Edmonton, AB, Canada, T6N 1L6
For more info call (780) 450-0591 or FAX (780) 440-2515
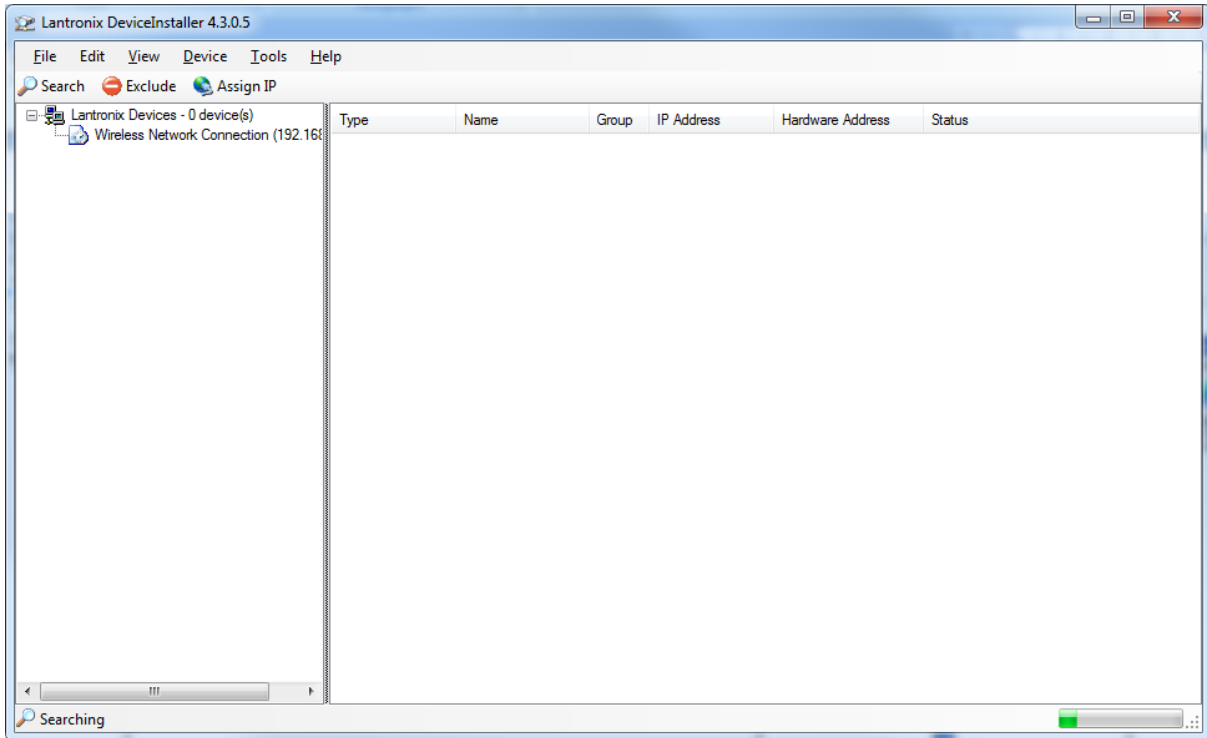Email: optimum@optinst.com

Use this Ethernet button to bring up the connection window. After it has connected press Status to see the Data Dolphin readings.
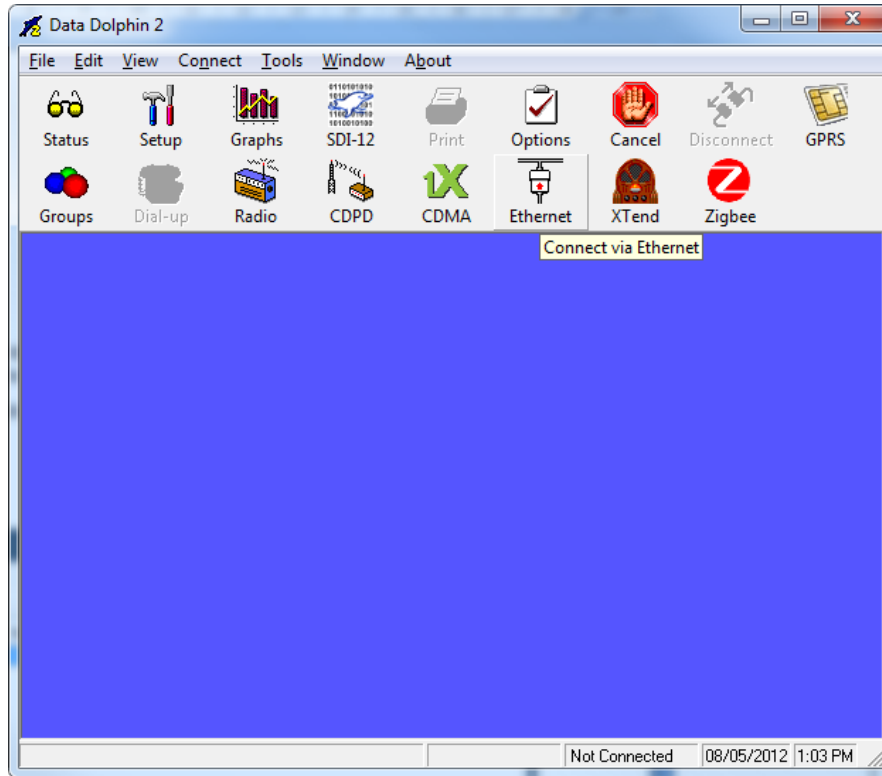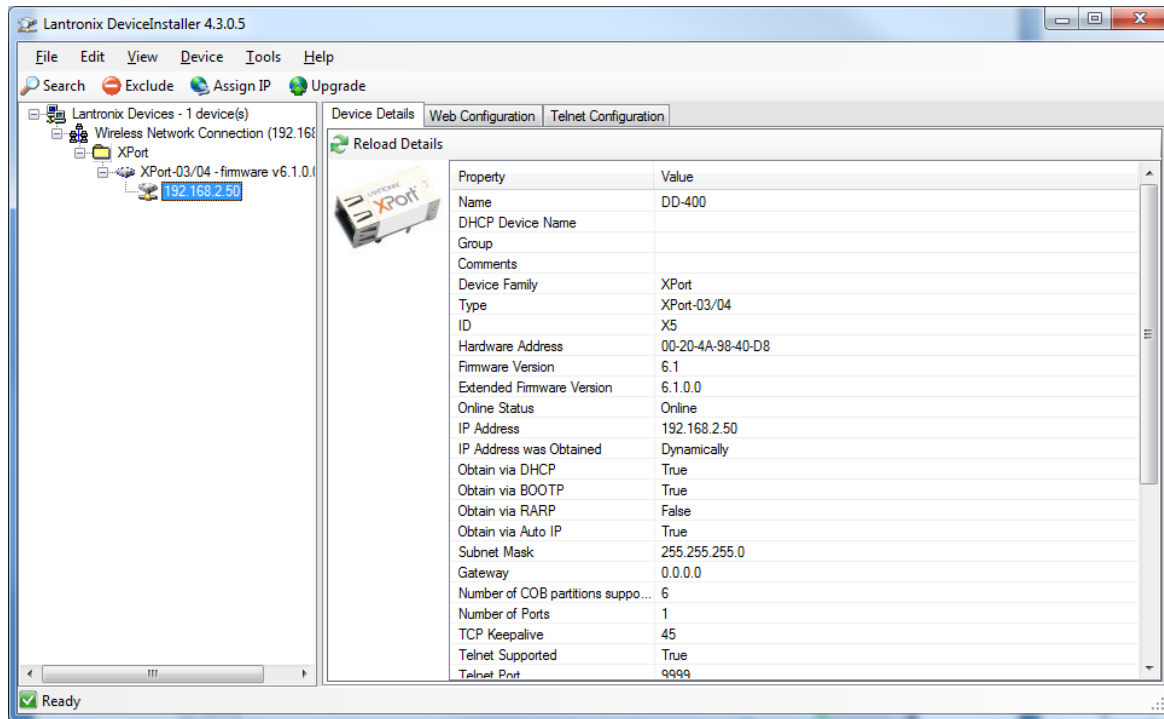

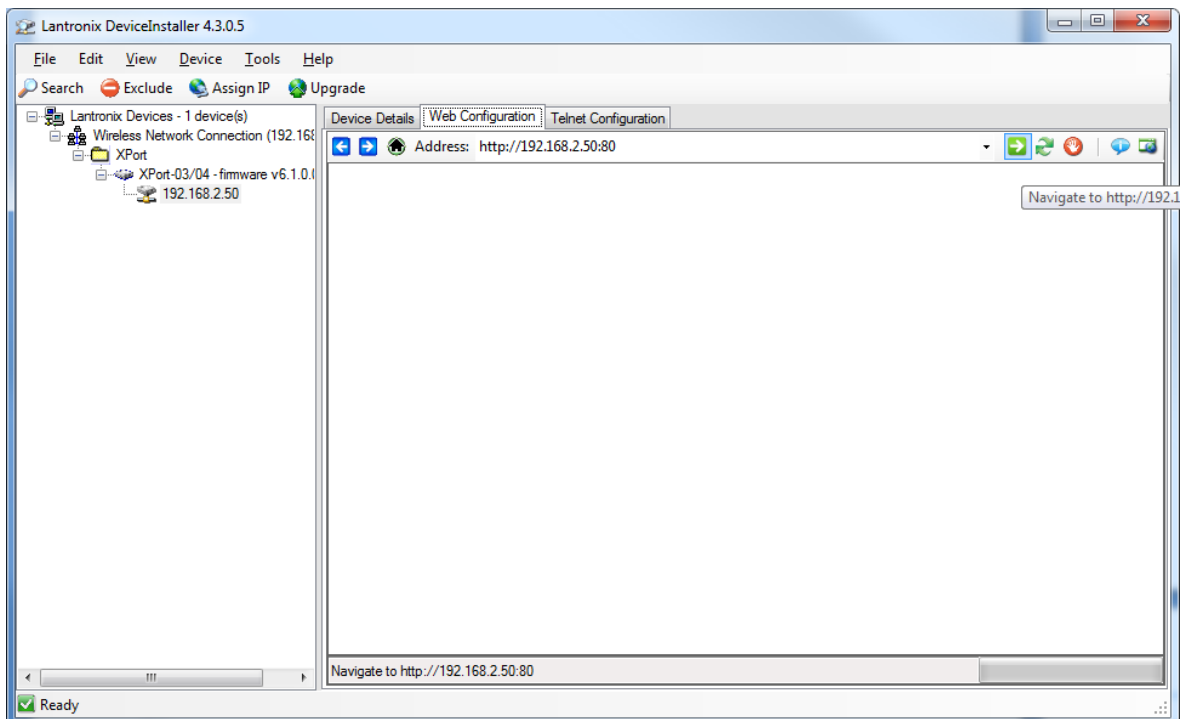To configure a new unit, follow the screenshots on the following pages.

Start 'Lantronix Device Installer and click 'Search'

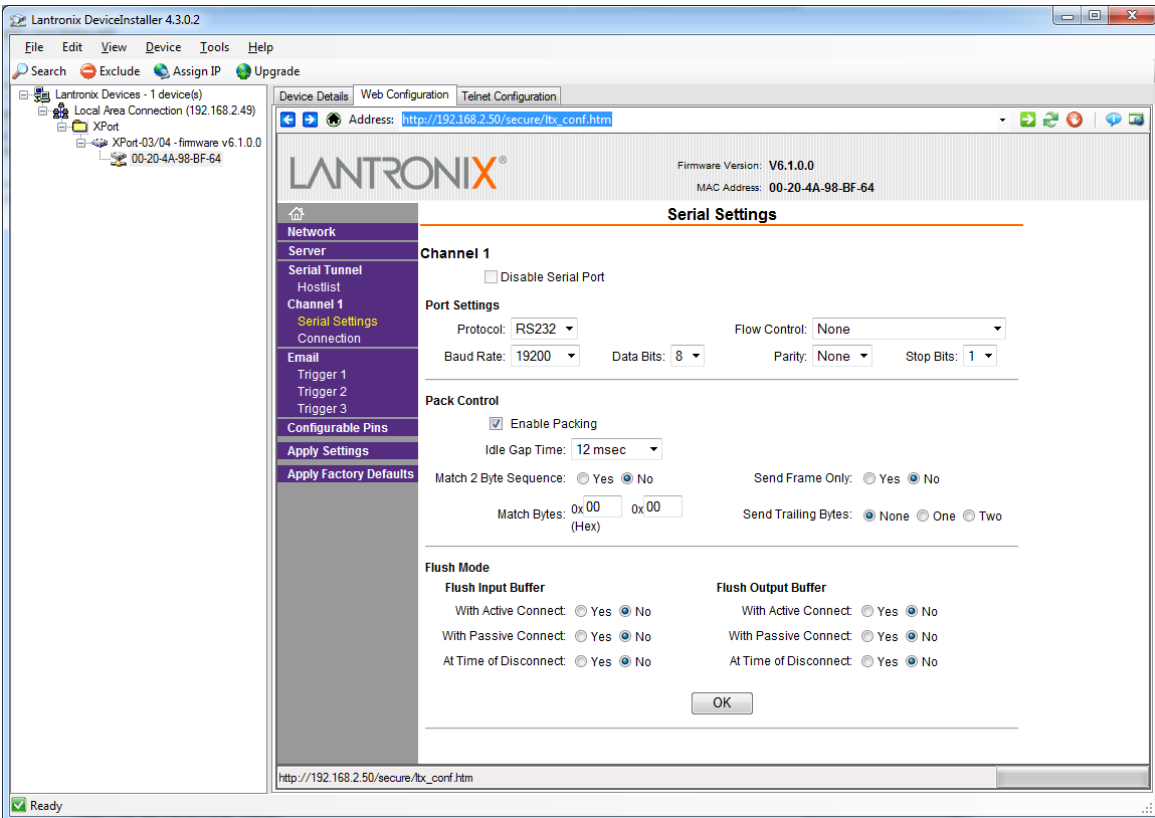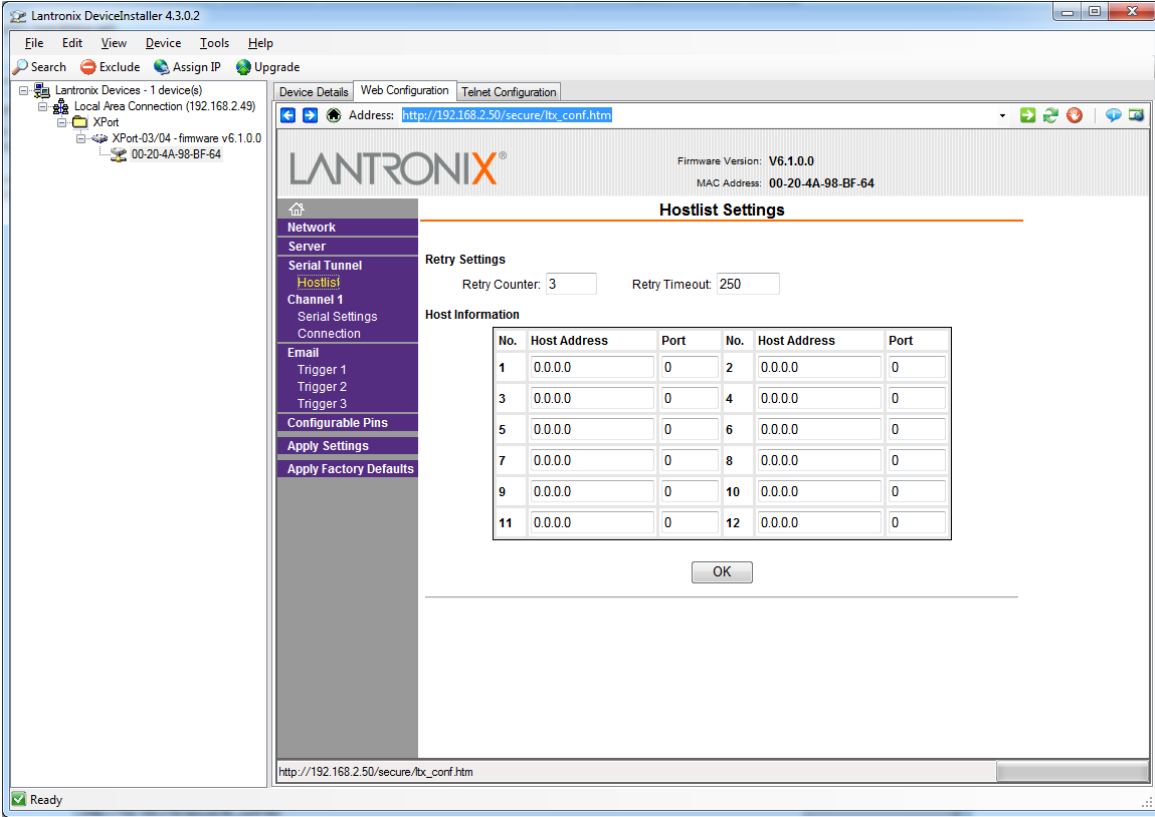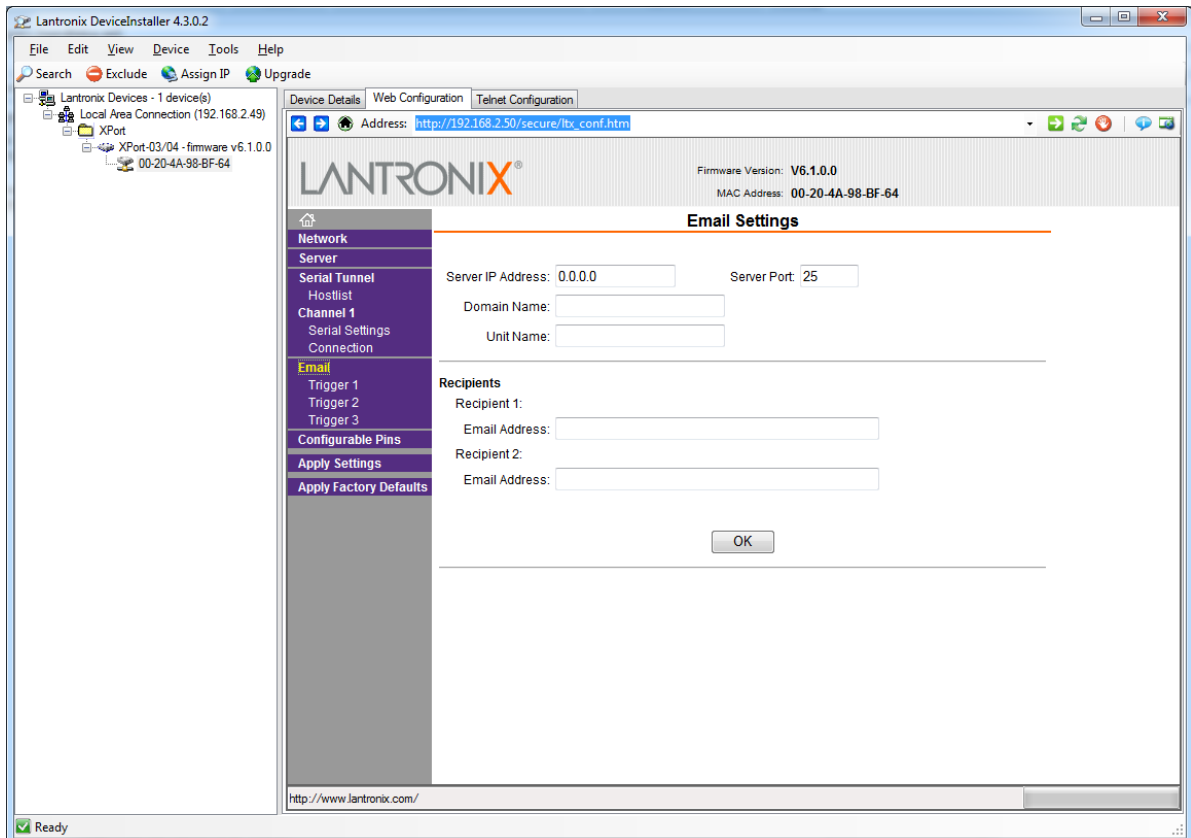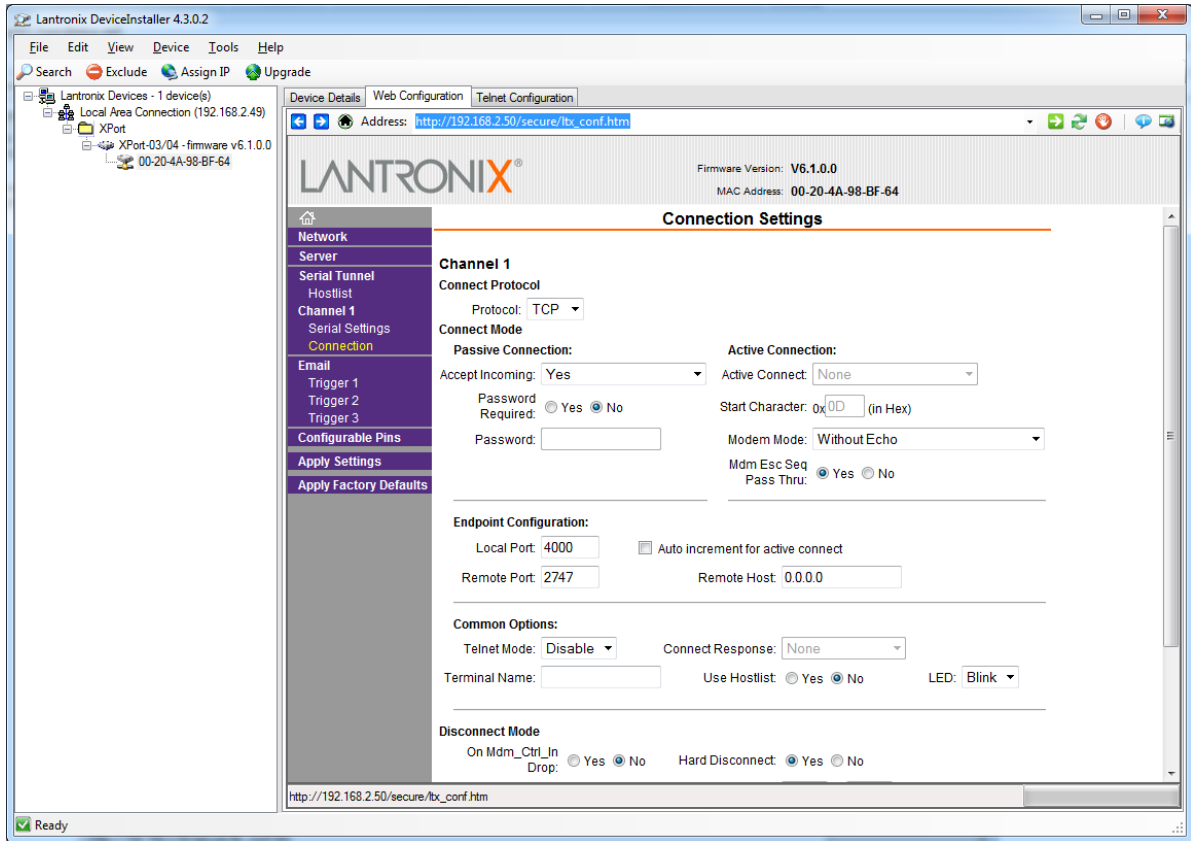Online units will appear. Note the IP address for use with Dolphin.

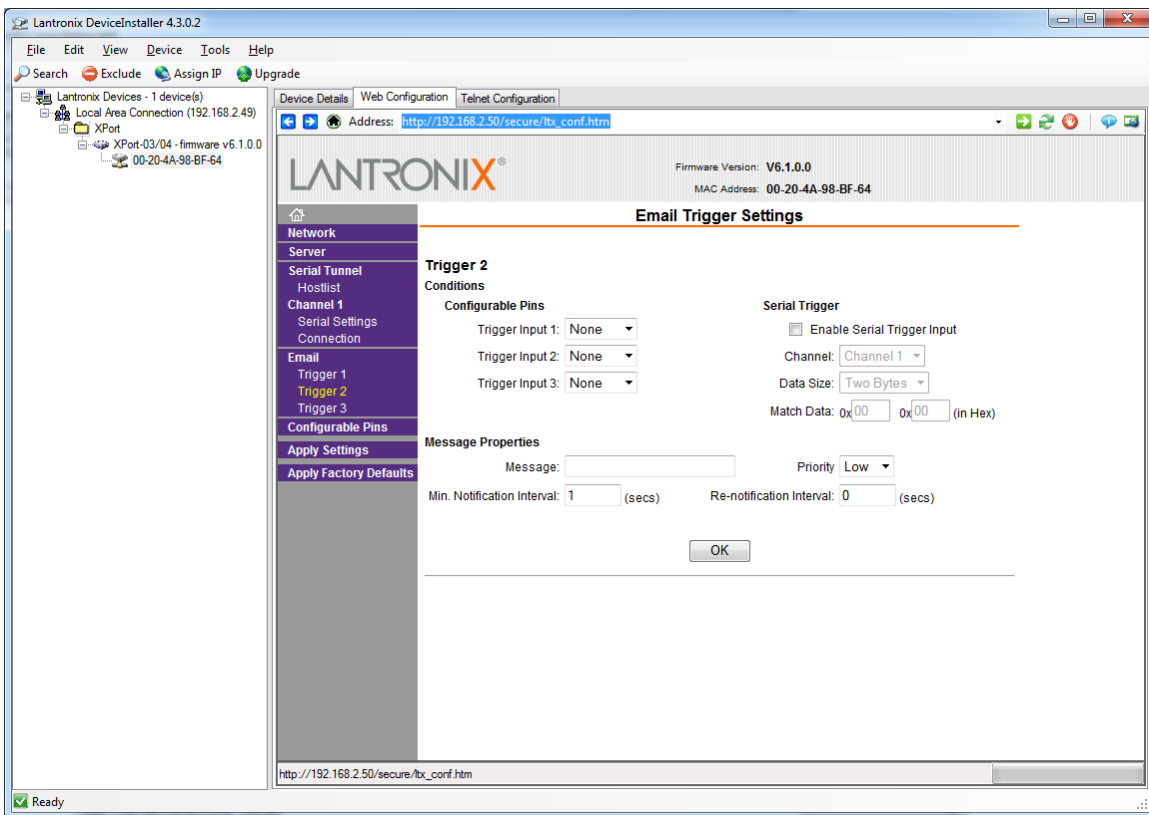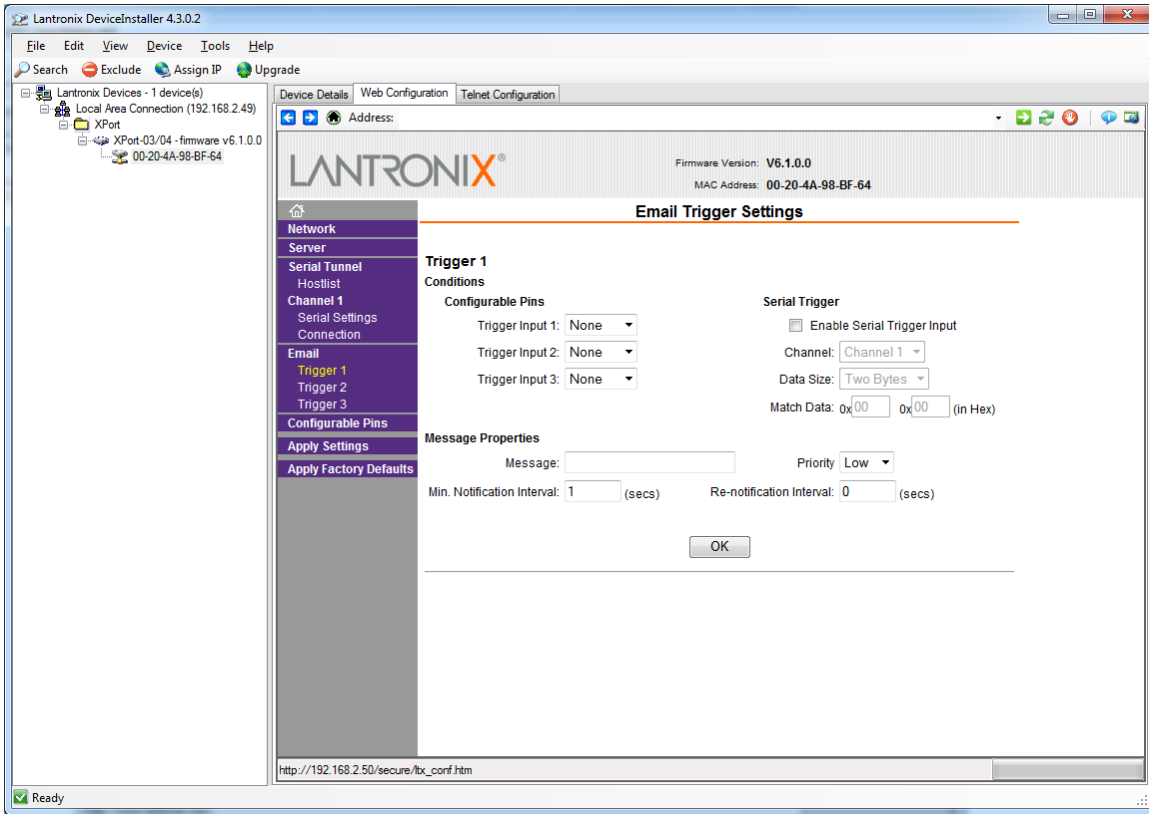Click 'Web Configuration' and the Green Arrow

Make all of the screens match and hit OK at the bottom of each page. At the end of all of the screens press the Apply Settings button and the device will be programmed and restarted.
If static IP is desired, this screen is where it can be set. Consult your IT department for IP.
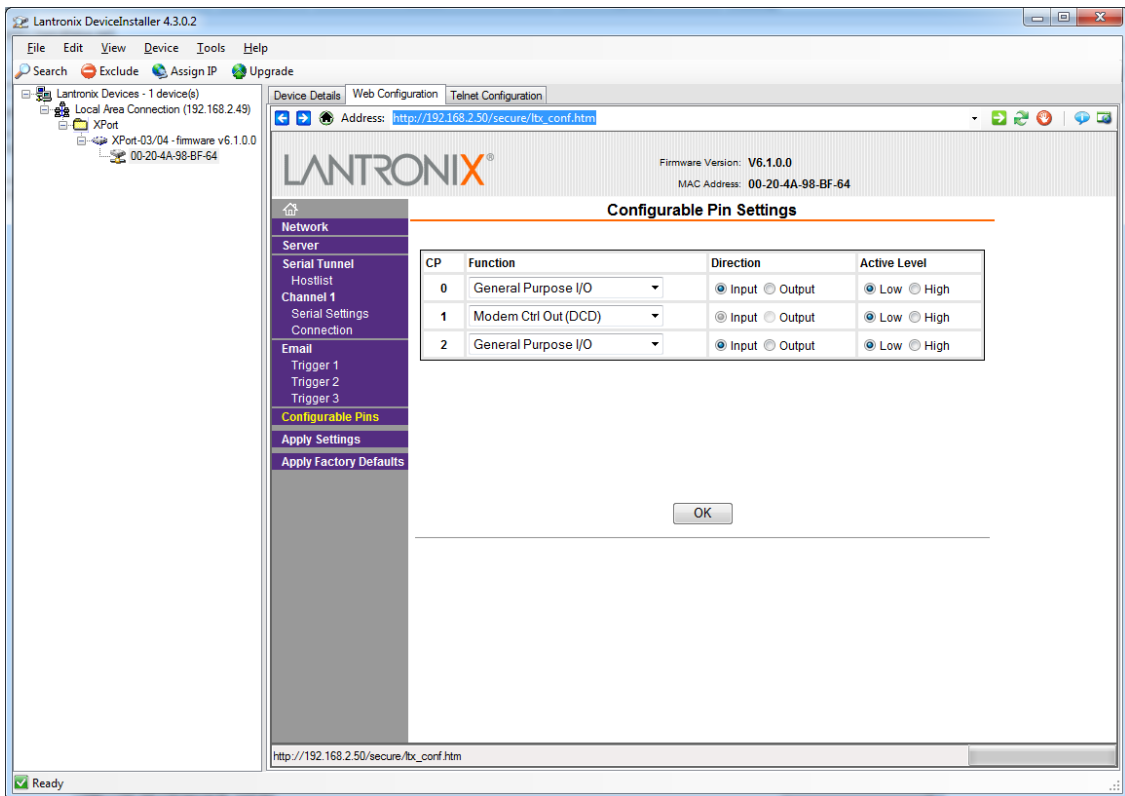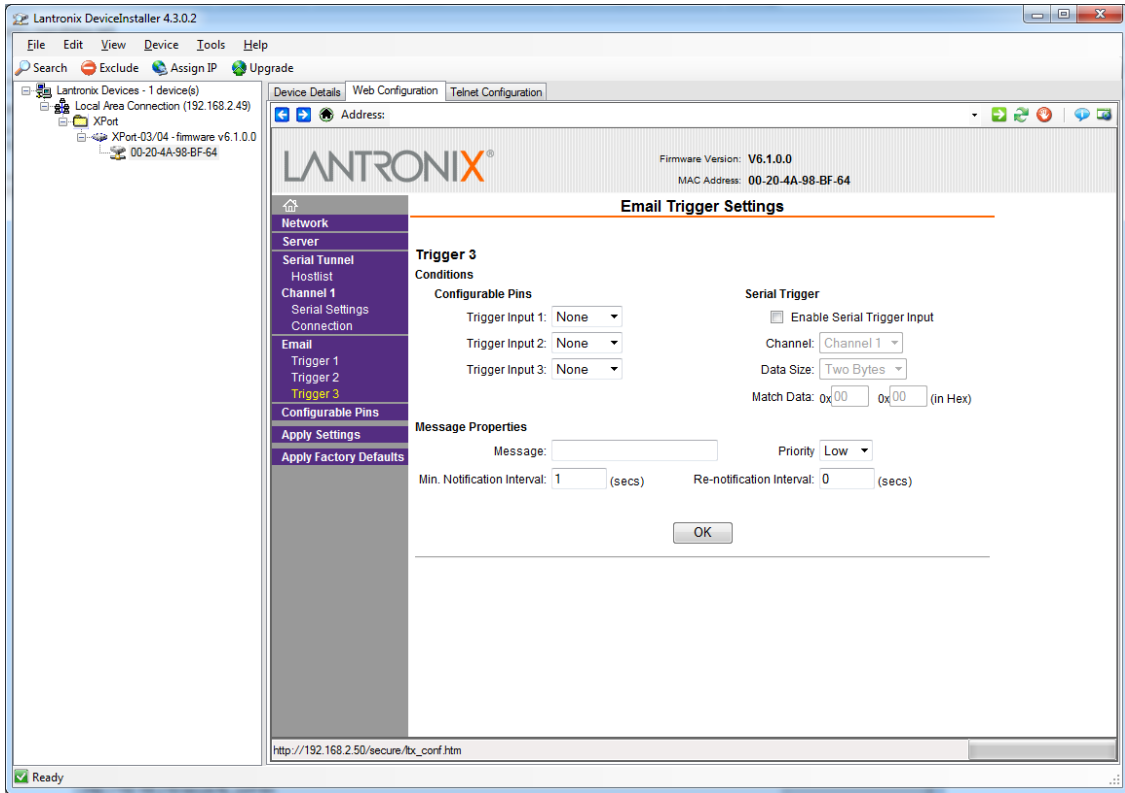
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Lantronix DeviceInstaller 4.3.0.2

File   Edit   View   Device   Tools   Help

Search   Exclude   Assign IP   Upgrade

Device Details | Web Configuration | Telnet Configuration

Address: http://192.168.2.50/secure/ltx_conf.htm

LANTRONIX

Firmware Version: V6.1.0.0
MAC Address: 00-20-4A-98-BF-64

Network
Server
Serial Tunnel
  Hostlist
Channel 1
  Serial Settings
  Connection
Email
  Trigger 1
  Trigger 2
  Trigger 3
Configurable Pins
Apply Settings
Apply Factory Defaults

Connection Settings

Channel 1

Connect Protocol
Protocol: TCP

Connect Mode

Passive Connection:
Accept Incoming: Yes
Password Required: ○ Yes ● No
Password:

Active Connection:
Active Connect: None
Start Character: 0x 0D (in Hex)
Modem Mode: Without Echo
Mdm Esc Seq Pass Thru: ● Yes ○ No

Endpoint Configuration:
Local Port: 4000
Remote Port: 2747
☐ Auto increment for active connect
Remote Host: 0.0.0.0

Common Options:
Telnet Mode: Disable
Terminal Name:
Connect Response: None
Use Hostlist: ○ Yes ● No
LED: Blink

Disconnect Mode
On Mdm_Ctrl_In Drop: ○ Yes ● No
Hard Disconnect: ● Yes ○ No

http://192.168.2.50/secure/ltx_conf.htm

Ready

Lantronix DeviceInstaller 4.3.0.2

File   Edit   View   Device   Tools   Help

Search   Exclude   Assign IP   Upgrade

Device Details | Web Configuration | Telnet Configuration

Address: http://192.168.2.50/secure/ltx_conf.htm

LANTRONIX

Firmware Version: V6.1.0.0
MAC Address: 00-20-4A-98-BF-64

Network
Server
Serial Tunnel
  Hostlist
Channel 1
  Serial Settings
  Connection
Email
  Trigger 1
  Trigger 2
  Trigger 3
Configurable Pins
Apply Settings
Apply Factory Defaults

Email Settings

Server IP Address: 0.0.0.0   Server Port: 25
Domain Name:
Unit Name:

Recipients
Recipient 1:
Email Address:
Recipient 2:
Email Address:

OK

http://www.lantronix.com/

Ready

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Press Apply Settings