1. **General settings**

1. Connect the Xbridge to the Ethernet and start the Lantronix Xport Installer. You will see the following image.

2. If you are fine with the IP address the Xport chooses by itself or gets via DHCP, proceed with step 4.

3. Assign an IP address by clicking on the “Assign IP” button.

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**How to setup a XBridge**

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4. Set the subnet mask

5. Set the UserIO to “ActiveHigh”
6. Click the “Update-Button” to update these settings.
2. Upgrade the Firmware

1. Click the “Upgrade-Button”

2. Select the newest Firmware XPT.ROM
3. **Configure the XBridge**

1. Telnet on port 9999 to the XBridge

```
E:\WINNT\system32\cmd.exe
Microsoft Windows 2000 [Version 5.00.21951]
(C) Copyright 1985-2000 Microsoft Corp.
E:/>telnet 129.13.1.12 9999
```

2. Setup the serial port to
   speed: 230400
   I/F Mode 4C
   Flow: 00
3. Choose the UDP **listen** and **send** port  
   **Note:** On the listen port the bridge receives data from the Internet and forwards them to the Particle RF board

4. *(optional)* Configure the location information. This information follows the RAUM description (see Michael Beigl). There are 2 definitions:
   a) Set all fields to the value 0 meaning this bridge provides no location information.
   b) Every bridge forwards packets containing only 0s in every location field.
5. Set field strength to 32.