xDirect™-IAP Quick Start Guide

WHAT'S IN THE BOX

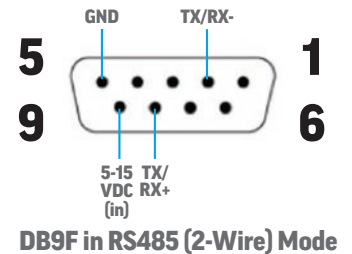**Quick Start Guide**

xDirect-IAP Device Server
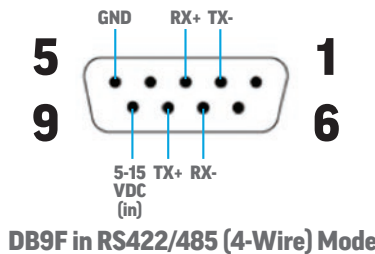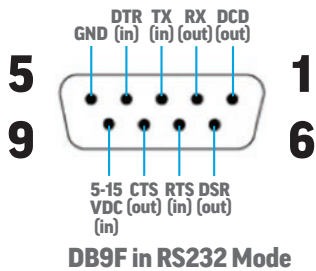

Power Supply*
5VDC with International adapters
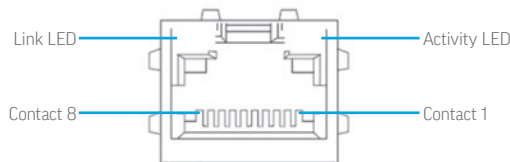
*Not included with xDirect-IAP PoE version

1 HARDWARE REVIEW

- Power / Status LED
- Serial RX LED
- Serial TX LED
- Link LED
- RJ45
- Activity LED
- Reset Switch - on bottom
- Serial Port DB9 Female (DCE)
- Power Port (mini USB connector)
- 3.5" (88.9 mm)

xDIRECT-IAP PINOUTS

DB9F in RS232 Mode

- 5: GND
- DTR (in), TX (in), RX (out), DCD (out) — 1
- 9
- 5-15 VDC (in), CTS (out), RTS (in), DSR (out) — 6

DB9F in RS422/485 (4-Wire) Mode

- 5: GND
- RX+, TX- — 1
- 9
- 5-15 VDC (in), TX+, RX- — 6

DB9F in RS485 (2-Wire) Mode

- 5: GND
- TX/RX- — 1
- 9
- 5-15 VDC (in), TX/RX+ — 6

RJ45 ETHERNET

- Link LED
- Activity LED
- Contact 8
- Contact 1

2 HARDWARE INSTALLATION

1. Connect a serial device to the xDirect-IAP device server.

2. Connect an Ethernet cable to the RJ45 port.

3. For the standard xDirect-IAP (non-PoE) version, supply power to your unit using the power supply that was included in the packaging.

4. For the xDirect-IAP PoE version, power is supplied to your unit over an Ethernet interface using an 802.3af PoE compliant power source such as a PoE mid-span or PoE Ethernet switch.

THIS COMPLETES THE HARDWARE INSTALLATION.

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3 DEVICE DISCOVERY OVER NETWORK

INSTALL DeviceInstaller™

REQUIREMENTS: Computer must have a working ethernet adapter running Windows as the Operating System (OS). For device discovery, the computer and device should be connected to the same IP subnet.

1. Download the latest version of DeviceInstaller from http://www.lantronix.com/downloads. The minimum required version for DeviceInstaller is **4.3.0.9.**

2. Run the executable to start the installation process on the computer being used to configure the xDirect-IAP device server.

3. Follow the installation wizard prompts.

4 IP ADDRESS CONFIGURATION

1. Run **DeviceInstaller**
   Click: **Start > Programs > Lantronix > DeviceInstaller > DeviceInstaller.**

2. Upon launch, DeviceInstaller will search for Lantronix devices on the network. Select the unit from the list of Lantronix devices on the local network. (You may also click on the **Search** icon if your device isn't found immediately.)

3. Click the **Assign IP** icon.

4. If prompted, enter the MAC address (on the product label) and click **Next.**

5. Select **Assign a Specific IP** address and click **Next.**

6. Enter the **IP Address.** The **Subnet Mask** displays automatically based on the IP address. If desired, you may change it. On a local network, you can leave the **Default Gateway** blank (all zeros). Click **Next.**

7. Click the **Assign** button and wait several seconds until a confirmation message displays. Click **Finish.**

8. Click on the **"Search"** icon and DeviceInstaller locates the unit and adds it to the list.

If DeviceInstaller is unable to discover the xDirect-IAP device server:

• In Windows Device Manager, ensure that the ethernet adapter is installed and working properly.

• If your PC or laptop has more than one network interface, make sure the correct interface is selected in DeviceInstaller.

• Go to **Tools>Options** and make sure the correct network interface is selected. If not, check the correct interface, click on **OK**, and restart DeviceInstaller.

• Check the LED indicator on the xDirect-IAP device server to make sure there is a physical connection between the Ethernet adapter and the xDirect.

5 COMPLETE THE CONFIGURATION

Once the xDirect-IAP device server is in the device list, it can be configured.

1. Double-click the unit in the list. Details about the unit will be displayed.

2. Select the **Telnet Configuration** tab and click on **Connect.** You will be prompted for a username and password.

3. The default username is **admin** and default password is **PASS.**

For additional configuration, please refer to the xDirect User Guide and Modbus Protocol User Guide for detailed instructions: http://www.lantronix.com/support/downloads

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

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