xDirect™ Quick Start Guide

WHAT'S IN THE BOX

Quick Start Guide

xDirect Device Server

Power Supply*
5VDC with International adapters
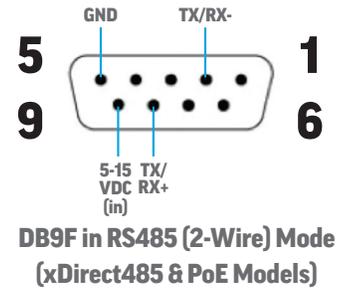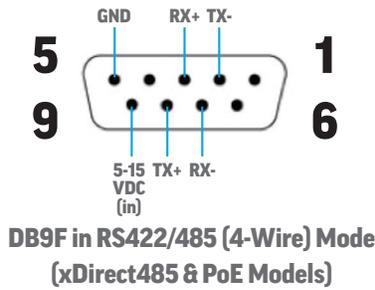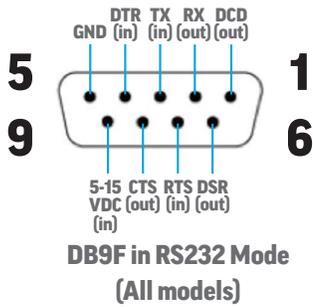
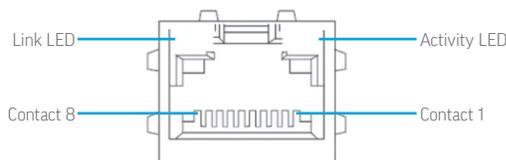*Not included with xDirectPoE version

1 HARDWARE REVIEW

Power / Status LED

Serial RX LED

Serial TX LED

Link LED

RJ45

Reset Switch - on bottom

Activity LED

Serial Port DB9 Female (DCE)

Power Port (mini USB connector)

3.5" (88.9 mm)

xDIRECT PINOUTS

Depending on the xDirect™ model, the following pinouts apply

DB9F in RS232 Mode (All models)

GND, DTR (in), TX (in), RX (out), DCD (out)
5-15 VDC (out) (in), CTS (out), RTS (in), DSR (out)

DB9F in RS422/485 (4-Wire) Mode (xDirect485 & PoE Models)

GND, RX+, TX-
5-15 VDC (in), TX+, RX-

DB9F in RS485 (2-Wire) Mode (xDirect485 & PoE Models)

GND, TX/RX-
5-15 VDC (in), TX/RX+

RJ45 ETHERNET

Link LED

Activity LED

Contact 8

Contact 1

2 HARDWARE INSTALLATION

1. Connect a serial device to the xDirect.

2. Connect an Ethernet cable to the RJ45 port.

3. For standard xDirect units, supply power to your unit using the power supply that was included in the packaging.

4. For the xDirect 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.

LANTRONIX®

xDirect™ Quick Start Guide

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 **4.3.0.7.**

2. Run the executable to start the installation process on the computer being used to configure the xDirect.

3. Follow the installation wizard prompts.

4 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. Note the device IP address.

4. Access Web Manager by entering the device IP address in the address bar of a browser. The device's factory default username is "**admin**" and factory default password is the last 8 characters of the Device ID (for devices manufactured after January 1, 2020) or "**PASS**" (for all older devices).

5. Assign an IP address in the network settings and perform other configuration.

If DeviceInstaller is unable to discover the xDirect:

• 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™ to make sure there is a physical connection between the Ethernet adapter and the xDirect.

For additional configuration, please refer to the xDirect 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

LANTRONIX®