



UDS1100 Quick Start Guide

For the latest documentation, FAQs and
firmware updates, visit www.lantronix.com

LANTRONIX®



UDS1100

UDS1100

QUICK START CONTENTS

What's In the Box	2
Pinouts	3
IP Addressing	4
Connect	5
Install the Deviceinstaller GUI	5
Assign IP Address and Configure	6
LEDs/Troubleshoot	7-8
Contact	9

WHAT'S IN THE BOX

In addition to the UDS, the box contains the following items:

POWER SUPPLY (DOMESTIC UNITS)

PART #	COMPONENT DESCRIPTION
520-079-R	Power cube, 110 VAC
500-163	Serial Cable
	CD
	Power Cord Restraint

POWER SUPPLY (INTERNATIONAL UNITS)

PART #	COMPONENT DESCRIPTION
520-080-R*	Power cube, 100-240VAC, with international adapters
500-163	Serial Cable
	CD
	Power Cord Restraint

* Not included with UDS1100 POE version

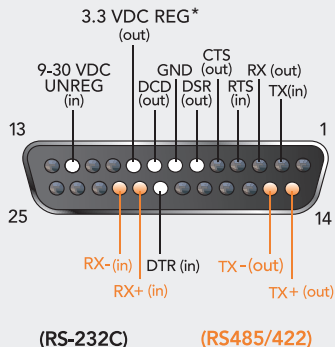
DOCUMENTATION:

CD-ROM containing User Guide and software utilities and Quick Start Guide.

The UDS products allow serial devices to connect and communicate over an Ethernet network.

This Quick Start explains how to connect, configure, and troubleshoot your unit using a network connection and our DeviceInstaller software. For more detailed information or alternative configuration methods, refer to the User Guide on the CD.

PINOUTS



**Not included in UDS1100 POE version*

IP ADDRESSING

Your unit must have a unique IP address on your network. Two ways to assign an IP are described below.

DHCP

Many networks use an automatic method of assigning an IP address called DHCP. If you are unsure whether your network uses DHCP, check with your systems administrator.

The UDS looks for a DHCP server when it first powers up. The UDS has acquired an IP address if the red LED stops flashing and the green Status LED is on continuously. You can use the DeviceInstaller software to search the network for the IP your unit has been assigned by the DHCP server and add it to the list of Lantronix devices on the network.

If the UDS does not acquire an IP, or you do not use DHCP, you must assign a fixed IP address.

FIXED IP ADDRESS

In most installations, a fixed IP address is desirable. The systems administrator generally provides the IP address.

The IP address must be within a valid range, unique to your network, and in the same subnet as your PC. You will need the following information before you set up the unit as described in Assign IP Address.

IP Address: _____
Subnet Mask: _____
Gateway: _____

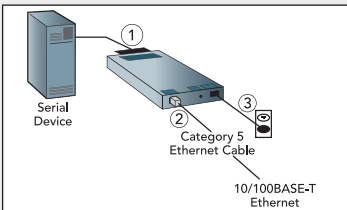
CONNECT

Complete the following steps in order. Refer to the numbers in the figure below.

1. Connect a serial device to your unit.
2. Connect an Ethernet cable to the RJ45 port.
3. For standard UDS1100 units, supply power to your unit using the power supply that was included in the packaging.
4. For the UDS1100-POE version, power is supplied to your unit over the Ethernet interface using an 802.3af POE compliant power source such as a POE mid-span or POE Ethernet switch.

Note: The required input voltage is 9-30 VDC (center +) or 9-24 VAC (1.5W maximum power required).

Ethernet, Power, and Serial Connections



INSTALL THE DEVICEINSTALLER GUI

1. Insert the CD into your CD-ROM drive. If the CD does not launch automatically:
 - a) Click the **Start** button on the Task Bar and select **Run**.
 - b) Enter your CD drive letter, colon, backslash, **Launch.exe** (e.g., **E:\Launch.exe**).
2. Click the **DeviceInstaller** button.
3. Respond to the installation wizard prompts.

ASSIGN IP ADDRESS AND CONFIGURE

1. Click the **Start** button on the Task Bar and select **Programs ▾ Lantronix ▾ DeviceInstaller ▾ DeviceInstaller**. The DeviceInstaller window displays.
2. Note the device IP address.
3. Access Web Manager by entering the device IP address in the address bar of a browser. The device's factory default username is left blank and factory default password is the last 8 characters of the Device ID (for devices manufactured after January 1, 2020) or is left blank (for all older devices).
4. Assign an IP address in the network settings and perform other configuration.

Note: Please see your product's User Guide for detailed instructions on configuration.

LEDS/TROUBLESHOOT

The unit contains the following LEDs:

- Power
- 10/100 Mb Link
- 10/100 Activity
- Diagnostics
- Status Channel 1

Simultaneously lit red and green LEDs means something is wrong. If the red LED is lit or blinking, count the number of times the green LED blinks between its pauses. The following table explains the LED functions.

SERIAL LEDS	MEANING
10/100 Mb Link steady green	Valid network connection
10/100 Activity blinking	Network packets transmitting and receiving
Diagnostic steady red and status blinking green	3 blinks = Network controller error
	4 blinks = EEPROM checksum error
	5 blinks = Duplicate IP address on network
Diagnostic blinking red and Status blinking green	5 blinks = No DHCP response
Status steady green	Serial port not connected to network
Status blinking green	Serial port connected to network

CONTACT

For questions and technical support, please check our online knowledge base at **www.lantronix.com/support**

For the latest documentation, FAQs and firmware updates, visit **www.lantronix.com**

Lantronix, Inc.
7535 Irvine Center Drive
Suite 100
Irvine, CA 92618, USA
Toll Free: 800-526-8766
Phone: 949-453-3990
Fax: 949-453-3995

www.lantronix.com



UDS1100