



EDS8/16PS Quick Start Guide

LANTRONIX®



EDS8/16PS

EDS8/16PS

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The EDS products allow serial devices to connect and communicate over an Ethernet network. This Quick Start will step you through hardware installation and initial configuration of your EDS8PS or EDS16PS.

WHAT'S IN THE BOX

In addition to the EDS8PS or EDS16PS, the box contains the following items:

PART

500-041

500-103

CD-EDSPS-XX

COMPONENT DESCRIPTION

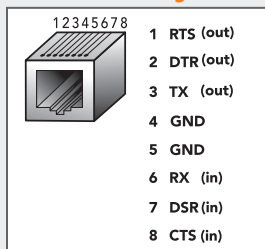
Power cord

RJ45-DB9F Null Modem Cable

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

PINOUTS

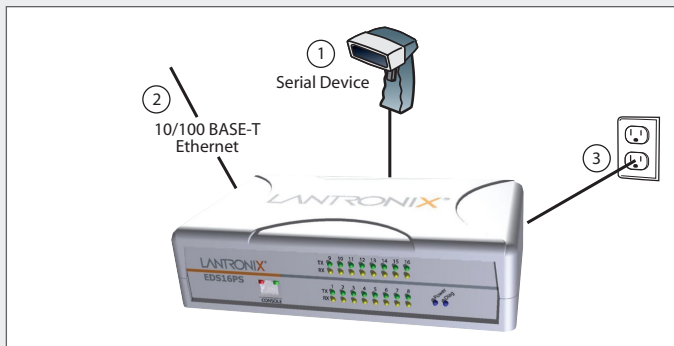
RS-232 Pin Assignment



QUICK 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. Supply power to your unit using the power cord that was included in the packaging.
4. Supply power to the serial device.



IP ADDRESSING

Your unit must have a unique IP address on your network. The IP address can be assigned automatically or you can assign it manually.

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 EDS looks for a DHCP server when it first powers up. You can use the DeviceInstaller graphical user interface to search the network if your unit has been assigned an IP address by the DHCP server. If the EDS does not acquire an IP, or you do not use DHCP, you must assign a fixed IP address using the serial port of the EDS.

FIXED IP ADDRESS

In most installations, a fixed IP address is desirable. The system 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 this Quick Start Guide.

IP Address: _____
Subnet Mask: _____
Gateway: _____

The following section describes assigning an IP address using DeviceInstaller.

Note: For detailed instructions on assigning the IP address using the serial port, please see the User Guide or the Lantronix web site.

QUICK SETUP USING THE DEVICEINSTALLER UTILITY

Step 1: Install DeviceInstaller

To use the DeviceInstaller utility, first install it from the product CD:


1. Insert the product CD into your CD-ROM drive.
2. 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., **D:\Launch.exe**).
3. Click the **DeviceInstaller** button.
4. Respond to the installation wizard prompts.
(When prompted to select an installation type, select **Typical**.)

Note: For more information about DeviceInstaller, see the DeviceInstaller Online Help.

Step 2: Obtain the IP address

1. Click **Start** > **Programs** > **Lantronix** > **DeviceInstaller** > **DeviceInstaller**.
If your PC has more than one network adapter, a message displays. Select an adapter and click **OK**.

USING THE DEVICEINSTALLER UTILITY CONTINUED...

Note: If the unit already has an IP address (e.g., DHCP has assigned an IP address), click the **Search**  icon and select the unit from the list of Lantronix device servers on the local network.

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 "**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).

Step 3: Complete the Configuration

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

To use Setup Mode (a command line interface), double-click the unit in the DeviceInstaller list and click the **Telnet Configuration** tab or use a Telnet client.

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

CONFIGURATION USING WEB MANAGER

EDS8PS

LANTRONIX
EVOLUTION OS™

Status

CLI

Diagnostics

DNS

Email

Filesystem

FTP

Host

HTTP

IP Address Filter

Line

LPD

Network

Protocol Stack

Query Port

RSS

RTC

SNMP

SSH

SSL

Syslog

System

Terminal

TFTP

Tunnel

XML

Device Status

Product Information

Product Type:

Lantronix EDS8PS

Firmware Version:

1.0.0.0R3

Build Date:

Oct 30 2008 (16:06:12)

Serial Number:

EDS16PS-protol

Uptime:

6 days 04:21:49

Permanent Config:

Saved

Network Settings

Interface:

eth0

Link:

Auto 10/100 Mbps Auto Half/Full (100 Mbps Half)

MAC Address:

00:20:4a:ba:bb:bc

Host:

IP Address:

172.19.101.78 / 255.255.0.0 (DHCP)

Default Gateway:

172.19.0.1 (DHCP)

Domain:

eng.lantronix.com (DHCP)

Primary DNS:

172.19.1.1 (DHCP)

Secondary DNS:

172.19.1.2 (DHCP)

Line Settings

Line 1:

RS232, 9600, None, 8, 1, None

Line 2:

RS232, 9600, None, 8, 1, None

Line 3:

RS232, 9600, None, 8, 1, None

Line 4:

RS232, 9600, None, 8, 1, None

Line 5:

RS232, 9600, None, 8, 1, None

Line 6:

RS232, 9600, None, 8, 1, None

Line 7:

RS232, 9600, None, 8, 1, None

Line 8:

RS232, 9600, None, 8, 1, None

Console:

RS232, 9600, None, 8, 1, None

Tunneling

Connect Mode

Accept Mode

Tunnel 1:

Disabled

Waiting

Tunnel 2:

Disabled

Waiting

Tunnel 3:

Disabled

Waiting

Use the menu to navigate to sub pages and configure the EDS.

WWW.LANTRONIX.COM

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LEDS	MEANING
Transmit (green)	Blinking = EDS is transmitting data on the serial port.
Receive (yellow)	Blinking = EDS is receiving data on the serial port.
Power (blue)	ON = EDS is receiving power.
Diagnostic (yellow)	Fast blink = initial startup (loading OS). Slow blink (once per second) = operating system startup. ON = unit has finished booting.
Speed (yellow)	ON = EDS is connected to a 100 Mbps Fast Ethernet network. OFF = EDS is connected to a 10 Mbps Ethernet network.
Activity (green)	Blink = EDS is sending data to or receiving data from the Ethernet network.

CONTACT

For questions and technical support, please check our online knowledge base at **www.lantronix.com/support** or call (800) 422-7044 Monday – Friday from 6:00 a.m. – 5:00 p.m., Pacific Time, excluding holidays.

www.lantronix.com



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