EDS8/16PS QUICK START GUIDE CONTENTS

What's In the Box .................................................................2
Pinouts ..............................................................................2
Quick Connect .................................................................3
IP Addressing ..................................................................4
Quick Setup Using the DeviceInstaller Utility ..................5-9
Configuration Using Web Manager .................................10-11
LEDs ..............................................................................12
Contact ..........................................................................13
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- IP Addressing ............................................................... 4
- Quick Setup Using the DeviceInstaller Utility ............... 5-6
- Configuration Using Web Manager ................................. 7
- LEDs ............................................................................. 8
- Contact .......................................................................... 9
Quick Start Guide
EDS 8/16 PS

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:

<table>
<thead>
<tr>
<th>PART #</th>
<th>COMPONENT DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>500-041</td>
<td>Power cord</td>
</tr>
<tr>
<td>500-103</td>
<td>RJ45-DB9F Null Modem Cable</td>
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PINOUTS
RS-232 Pin Assignment

<table>
<thead>
<tr>
<th>Pin</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>RTS (out)</td>
</tr>
<tr>
<td>2</td>
<td>DTR (out)</td>
</tr>
<tr>
<td>3</td>
<td>TX (out)</td>
</tr>
<tr>
<td>4</td>
<td>GND</td>
</tr>
<tr>
<td>5</td>
<td>GND</td>
</tr>
<tr>
<td>6</td>
<td>RX (in)</td>
</tr>
<tr>
<td>7</td>
<td>DSR (in)</td>
</tr>
<tr>
<td>8</td>
<td>CTS (in)</td>
</tr>
</tbody>
</table>

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.
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<td>CD-EDSPS-XX</td>
<td>CD-ROM containing the User Guide, software utilities,</td>
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<td></td>
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**PINOUTS**

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<th>8</th>
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<tr>
<td>1 RTS (out)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
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<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
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<td></td>
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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: Configure Network Settings
To assign an IP address manually:

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.

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

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

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The following section describes assigning an IP address using DeviceInstaller.

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USING THE DEVICEINSTALLER UTILITY CONTINUED…

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

7. Click the Close button to close the dialog box and return to the main window.

**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.
USING THE DEVICE INSTALLER 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. Click the Assign IP icon.

3. If prompted, enter the hardware address (on the product label) and click Next.

4. Select Assign a specific IP address and click Next.

5. 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.

CONFIGURATION USING WEB MANAGER

Use the menu to navigate to sub pages and configure the EDS.
## LEDs MEANING

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<tr>
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<td>Blinking = EDS is transmitting data on the serial port.</td>
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<td>Receive (yellow)</td>
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</tr>
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<td>ON = EDS is receiving power.</td>
</tr>
<tr>
<td>Diagnostic (yellow)</td>
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</tr>
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<td></td>
<td>Slow blink (once per second) = operating system startup.</td>
</tr>
<tr>
<td></td>
<td>ON = unit has finished booting.</td>
</tr>
<tr>
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<td>ON = EDS is connected to a 100 Mbps Fast Ethernet network.</td>
</tr>
<tr>
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<td>OFF = EDS is connected to a 10 Mbps Ethernet network.</td>
</tr>
<tr>
<td>Activity (green)</td>
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## CONTACT

For questions and technical support, please check our online knowledge base at [www.lantronix.com/support](http://www.lantronix.com/support)

Lantronix  
15353 Barranca Parkway, Irvine, CA 92618, USA  
Phone: (949) 453-3990 or Fax: (949) 453-3995  
[www.lantronix.com](http://www.lantronix.com)
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[www.lantronix.com](http://www.lantronix.com)