

Lantronix UD1100001-01

Lantronix UDS1100 UD1100001-01 Device Server Instruction Manual

MODEL: UD1100001-01

1. Introduction

The Lantronix UDS1100 UD1100001-01 is a single-port serial to IP Ethernet device server designed to connect serial devices to an Ethernet network. This device enables remote management and access to equipment that traditionally uses serial communication (RS232, RS422, RS485) by converting serial data into IP packets. It offers a straightforward and cost-effective solution for integrating legacy serial devices into modern network infrastructures.

2. Safety Information

- **Power Supply:** Use only the specified power adapter (110VAC for US Domestic models) to prevent damage and ensure safe operation.
- **Environment:** Operate the device in a well-ventilated area, away from direct sunlight, heat sources, and moisture.
- **Installation:** Ensure proper grounding if required by your installation environment. Follow all local electrical codes.
- **Servicing:** Do not attempt to open or service the device yourself. Refer all servicing to qualified personnel.
- **UL864 Compliance:** This device is UL864 compliant, indicating suitability for fire alarm and signaling systems.

3. Package Contents

Verify that all items are present in the package:

- Lantronix UDS1100 Device Server (Model UD1100001-01)
- Power Adapter (110VAC, US Domestic)
- Quick Start Guide (may vary by region)
- Mounting Hardware (for wall or rail mounting)

4. Product Features

- **Serial to Ethernet Conversion:** Connects one serial device (RS232/RS422/RS485) to an IP Ethernet network.
- **Versatile Serial Support:** Compatible with RS-232, RS-422, and RS-485 serial standards.
- **Fast Ethernet Connectivity:** Features one 10/100 Mbps Fast Ethernet RJ-45 port.
- **Robust Processor:** Powered by a Lantronix DSTNI-EX 48 MHz processor for reliable performance.
- **UL864 Compliant:** Suitable for use in fire alarm and signaling applications.
- **Flexible Mounting:** Designed for both wall-mountable and rail-mountable installations.

- **Remote Management:** Enables remote access and control of connected serial devices over a network.

5. Physical Description and Components

The Lantronix UDS1100 device server features a compact, grey enclosure with various ports and indicators for connectivity and status monitoring.

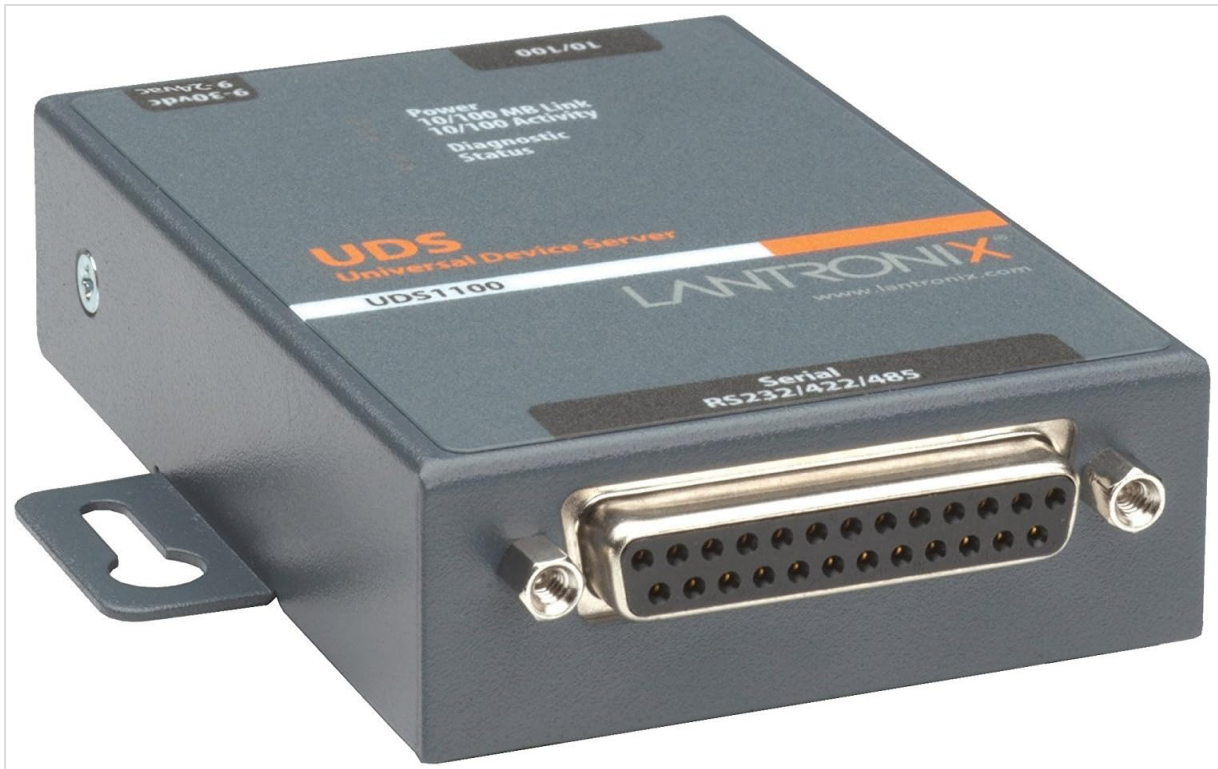


Figure 1: Front-top view of the Lantronix UDS1100 Device Server. This image displays the device's grey casing, the DB-25 serial port on the front, and status indicators for Power, 10/100 MB Link, 10/100 Activity, and Diagnostic Status on the top panel. The Lantronix logo and UDS1100 model name are also visible.



Figure 2: Angled view of the Lantronix UDS1100 Device Server. This image provides a slightly different perspective, highlighting the integrated mounting bracket on the side of the device, which facilitates wall or rail mounting. The DB-25 serial port is also visible from this angle.

Key Components:

- **DB-25 Serial Port:** One port for connecting RS232, RS422, or RS485 serial devices.
- **RJ-45 Ethernet Port:** One 10/100 Mbps Fast Ethernet port for network connection.
- **Power Input:** Connector for the external power adapter.

- **Status LEDs:** Indicators for Power, Link/Activity, and Diagnostic status.
- **Mounting Brackets:** Integrated features for wall or DIN rail mounting.

6. Setup

Follow these steps to set up your Lantronix UDS1100 Device Server:

1. **Mounting:** Secure the device server in your desired location using the integrated mounting brackets. Ensure adequate ventilation.
2. **Connect Serial Device:** Connect your serial device to the DB-25 serial port on the UDS1100 using an appropriate serial cable.
3. **Connect to Network:** Connect an Ethernet cable from your network switch or router to the RJ-45 Ethernet port on the UDS1100.
4. **Apply Power:** Connect the provided power adapter to the device and then plug it into a suitable 110VAC power outlet. The Power LED should illuminate.
5. **Initial Configuration:** Refer to the Lantronix UDS1100 User Guide (available on the Lantronix website) for detailed instructions on initial network configuration, including IP address assignment and serial port settings. This typically involves using a web browser or a dedicated utility.

7. Operating Instructions

Once configured, the Lantronix UDS1100 operates as a transparent bridge between your serial device and the Ethernet network. Data sent from the serial device is encapsulated into IP packets and transmitted over the network, and vice-versa.

- **Data Transmission:** The device server continuously monitors the serial port for incoming data and transmits it to the configured network destination. Similarly, it receives network data and forwards it to the serial port.
- **Status Monitoring:** Observe the status LEDs on the device for operational feedback:
 - **Power LED:** Indicates the device is powered on.
 - **Link LED:** Indicates an active Ethernet link.
 - **Activity LED:** Flashes to indicate data transmission or reception over Ethernet.
 - **Diagnostic/Status LED:** Provides information on device status or errors (refer to the full user manual for specific codes).
- **Remote Access:** Access and manage your serial device remotely via the network using appropriate software or applications configured to communicate with the UDS1100's IP address and port.

8. Maintenance

The Lantronix UDS1100 is designed for reliable operation with minimal maintenance. However, periodic checks can ensure optimal performance:

- **Cleaning:** Keep the device clean and free of dust. Use a soft, dry cloth for cleaning. Do not use liquid cleaners.
- **Cable Integrity:** Periodically check all connected cables (serial, Ethernet, power) for secure connections and signs of damage.
- **Firmware Updates:** Check the Lantronix website for available firmware updates. Applying updates can improve performance, add features, or address security vulnerabilities. Follow the instructions provided by Lantronix carefully during the update process.
- **Environmental Conditions:** Ensure the operating environment remains within specified temperature and humidity ranges.

9. Troubleshooting

If you encounter issues with your UDS1100, consider the following troubleshooting steps:

- **No Power:**

- Ensure the power adapter is securely connected to the device and a working power outlet.
- Verify the power outlet is active.
- **No Network Link:**
 - Check the Ethernet cable connection between the UDS1100 and the network switch/router.
 - Verify the network switch/router is powered on and functioning correctly.
 - Ensure the Link LED on the UDS1100 is illuminated.
- **No Serial Communication:**
 - Confirm the serial cable is correctly connected to both the UDS1100 and the serial device.
 - Verify that the serial port settings (baud rate, data bits, parity, stop bits, flow control) on the UDS1100 match those of the connected serial device.
 - Check the serial device for proper operation.
- **Cannot Access Device Server via Network:**
 - Ensure the UDS1100 has a valid IP address and that your computer is on the same network segment or has proper routing.
 - Check for IP address conflicts on your network.
 - Temporarily disable firewalls on your computer to rule out blocking issues.

For more advanced troubleshooting, consult the comprehensive user manual available on the Lantronix support website.

10. Specifications

Feature	Specification
Brand	Lantronix
Model Number	UD1100001-01
Serial Ports	1 x DB-25 (RS232/RS422/RS485)
Ethernet Ports	1 x RJ-45 (10/100 Mbps Fast Ethernet)
Processor	Lantronix DSTNI-EX 48 MHz
Power Input	110VAC (US Domestic)
Compliance	UL864
Mounting Options	Wall Mountable, Rail Mountable
Color	Grey
Item Weight	1.6 pounds
Package Dimensions	13.98 x 7.13 x 3.07 inches

11. Warranty and Support

Lantronix products typically come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Lantronix website. For technical support, product documentation, and firmware downloads, please visit the Lantronix support portal:

[Lantronix Support Website](#)

Contact Lantronix customer service for assistance with product registration, warranty claims, or advanced technical issues.

Related Documents - UD1100001-01

 MatchPort AR™ Integration Guide Part Number: 100-401 Revision: 1.0 July 2007	MatchPort AR Integration Guide This guide provides comprehensive information for integrating the Lantronix MatchPort AR embedded device server into various products. It covers hardware features, specifications, pinouts, serial and network connections, demonstration kit details, and compliance information.
 UDS1100 Quick Start Guide LANTRONIX	Lantronix UDS1100 Quick Start Guide: Setup and Configuration Get started quickly with the Lantronix UDS1100 serial-to-Ethernet device server. This guide covers unboxing, connection, IP addressing, software installation, configuration, and troubleshooting.
 XPort AR Data Sheet LANTRONIX	Lantronix XPort AR Embedded Device Server Data Sheet Detailed technical data sheet for the Lantronix XPort AR, a programmable embedded processor module for building Ethernet networking and web server capabilities into devices. Features include RJ45 form factor, 3 serial ports, high-performance DSTni SoC, 11 GPIO pins, PoE support, and enterprise-grade security.
 SDSTX3110-121S-LRT Industrial Serial Device Server User Guide LANTRONIX	Lantronix SDSTX3110-121S-LRT Industrial Serial Device Server User Guide This user guide provides comprehensive information on the Lantronix SDSTX3110-121S-LRT Industrial Serial Device Server, covering hardware overview, installation, management, technical specifications, and troubleshooting.
 UDS100 User Guide LANTRONIX	Lantronix UDS100 User Guide: Serial to Ethernet Device Server Explore the Lantronix UDS100 User Guide for detailed information on connecting serial devices (RS-232, RS-485/422) to Ethernet networks. Learn about setup, configuration, protocols, and troubleshooting for this essential device server.
 SLC™ 8000 Advanced Console Manager User Guide LANTRONIX	Lantronix SLC 8000 Advanced Console Manager User Guide Comprehensive user guide for the Lantronix SLC 8000 Advanced Console Manager, detailing installation, configuration, features, and management of remote IT infrastructure via serial and USB console ports.



UDS1100
Device Server User Guide

Part Number 900-417
Revision H, December 2017

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[\[pdf\]](#) Quick Start Guide Datasheet Guide

UDS1100 2100 Family Quick Start Guide UD1100002 01 one port device server 100 240 VAC

International power supply with regional adapters Six foot DB9F to DB25M serial cable P N 500 163 R CD

Includes User and Software utilities DeviceInstaller Com Port Redirector UD2100002 UDS2100 two Null

Modem 164 4A4D8A49 8D93 469F 9B89 BCE707F154F4 0900766b8138516e UDSx100 PB media

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VS1GSDS667D2 Corsair Datasheet Live 1GB DDR2 SDRAM SO DIMMs 667MHz memory module US

domestic 110 VAC power supply Six foot DB9F to DB25M serial cable P N 500 163 R CD Includes User

Guide and Software utilities DeviceInstaller datasheet live ff9ab9ad corsair |||

UDS1100/2100 Family Serial Device Servers www.datasheet.live RELIABLE DEVICE

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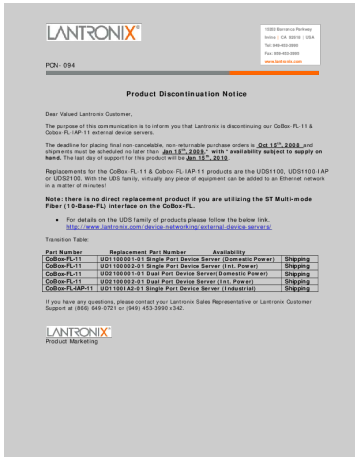
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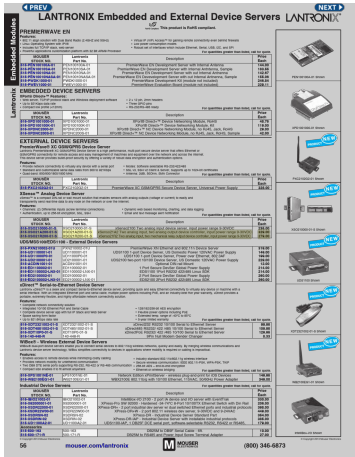
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959-453-3995 www.lan ... x-FL-11 CoBox-FL-11 CoBox-FL-11 CoBox-FL-11 CoBox-

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[pdf] Catalog

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Lantronix Embedded Modules LANTRONIX Embedded and External Device Servers

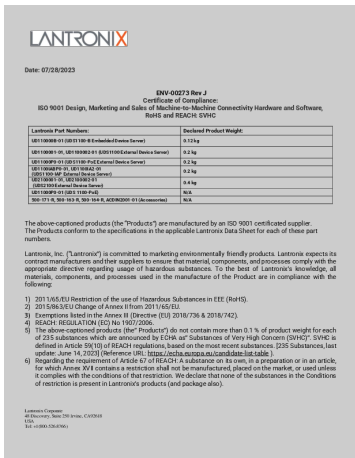
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[pdf] Specifications Datasheet Accessories

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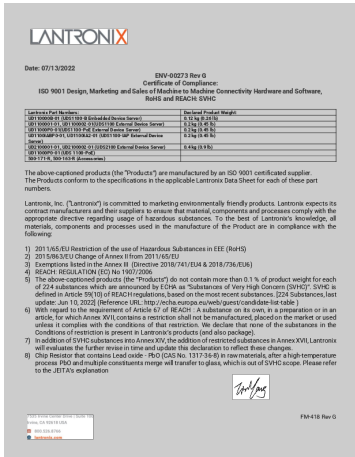
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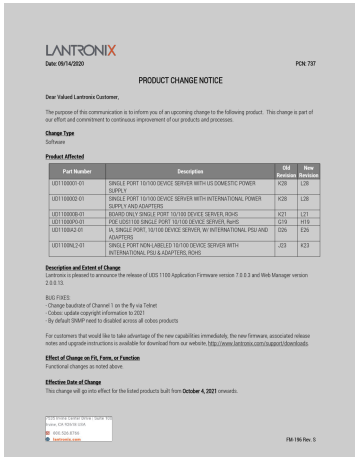
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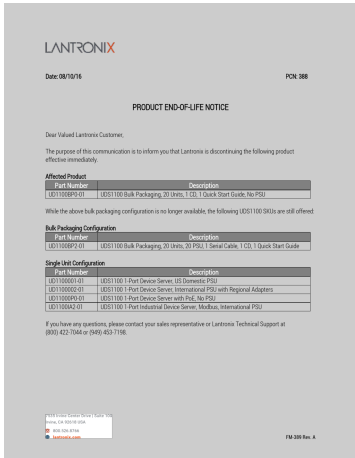
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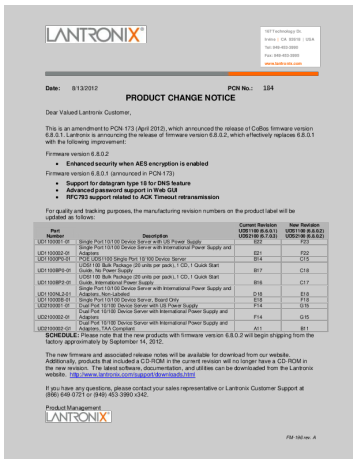
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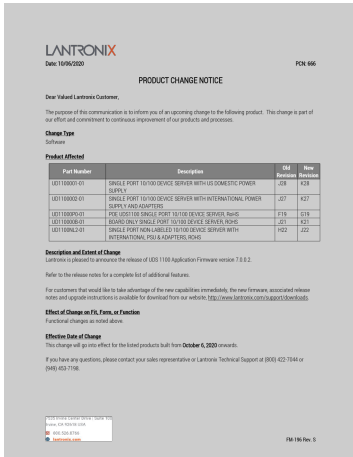
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167 Technology Dr. Irvine CA 92618 USA Tel: 949-453-3990 Fax: 949-453-3995

www.lantronix.com Da ... art UDS1100 6.6.0.1 UDS1100 6.8.0.2 Number Description

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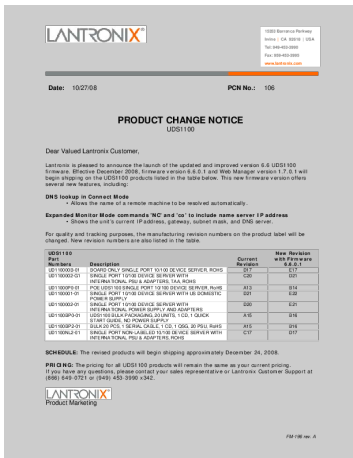
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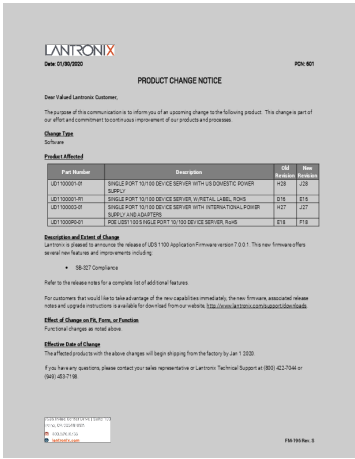
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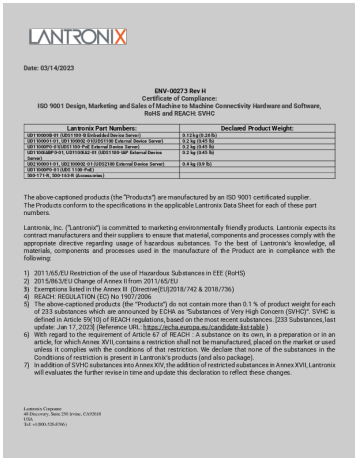


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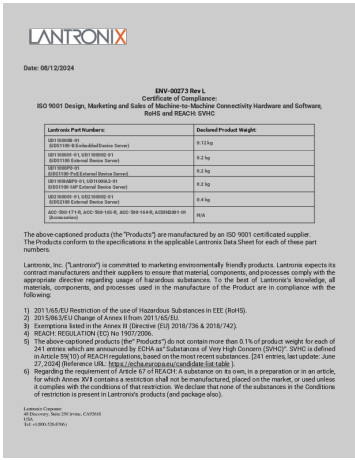


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Date: 03/14/2023 ENV-00273 Rev H Certificate of Compliance: ISO 9001 Design, Marketing and Sales of Machine to Machine Connectivity Hardware and Software, RoHS and REACH: SVHC Lantronix Part Numbers: UD110000B-01 UDS1100-B Embedded Device Server **UD1100001-01**, UD1100002-01 UDS1100 External Device...

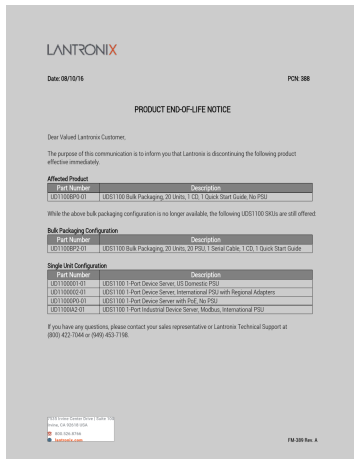
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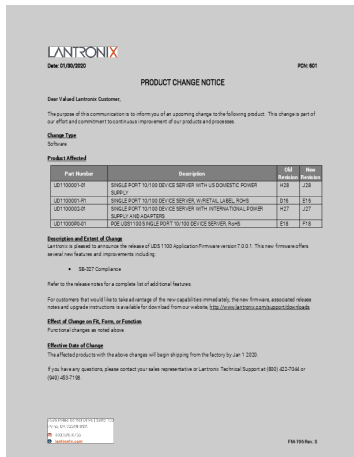


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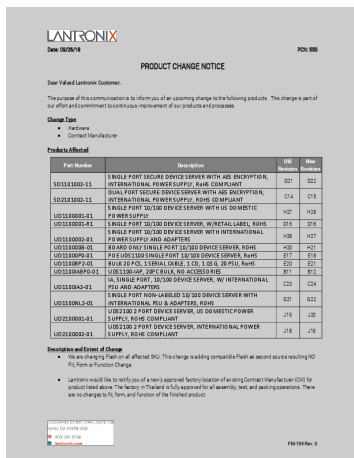
Date: 08/10/16 PCN: 388 PRODUCT END-OF-LIFE NOTICE Dear Valued Lantronix Customer, The purpose o ... SU, 1 Serial Cable, 1 CD, 1 Quick Start Guide Single Unit Configuration Part Number Description **UD1100001-01** UDS1100 1-Port Device Server, US Domestic PSU UD1100002-01 UDS1100 1-Port Device Serve... lang:en score:25 filesize: 76.03 K page_count: 1 document date: 2016-08-11



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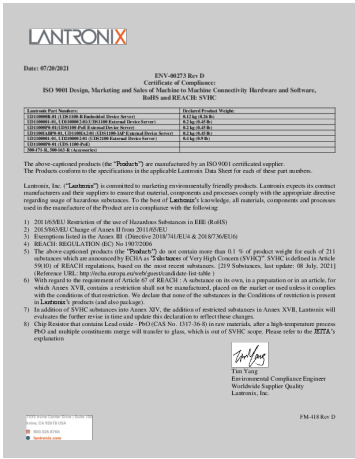
Date: 01/30/2020 PCN: 601 PRODUCT CHANGE NOTICE Dear Valued Lantronix Customer, The purpose of t ... uous improvement of our products and processes. Change Type Software Product Affected Part Number **UD1100001-01** UD1100001-R1 UD1100002-01 UD11000P0-01 Description SINGLE PORT 10/100 DEVICE SERVER WI... lang:en score:25 filesize: 55.17 K page_count: 1 document date: 2020-04-23



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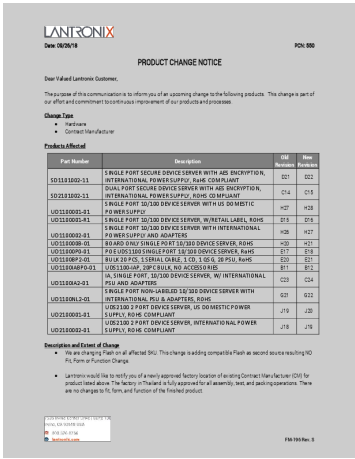
Date: 09/26/18 PCN: 550 PRODUCT CHANGE NOTICE Dear Valued Lantronix Customer, The purpose of thi ... ange Type Hardware Contract Manufacturer Products Affected Part Number SD1101002-11 SD2101002-11 **UD1100001-01** UD1100001-R1 UD1100002-01 UD110000B-01 UD11000P0-01 UD1100BP2-01 UD1100IABP0-01 UD1100I... lang:en score:24 filesize: 72.24 K page_count: 2 document date: 2018-09-26



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Date: 07/20/2021 ENV-00273 Rev D Certificate of Compliance: ISO 9001 Design, Marketing and Sales of Machine to Machine Connectivity Hardware and Software, RoHS and REACH: SVHC Lantronix Part Numbers: UD110000B-01 UDS1100-B Embedded Device Server **UD1100001-01**, UD1100002-01 UDS1100 External Device ...
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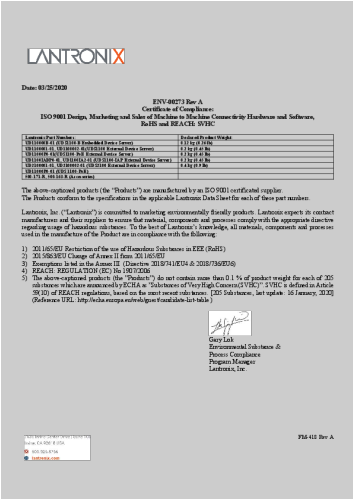
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UDS1100/2100 Family Reversed icon here Device Servers SERIAL DEVICE SERVERS RELIABLE DEVICE SERVE ... solution with shield connected to chassis ground Device Servers Ordering Information Part Number **UD1100001-01** UD1100002-01 UD11000P0-01 UD110000B-01 UD2100001-01 UD2100002-01 500-163-R 500-164-R 50...
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[pdf] Specifications Datasheet Accessories

Microsoft Word ENV 00273 Rev A Environmental Certs RoHS and REACH FM 418 UDS1100 UDS2100

External Device Servers glok UD2100002 01 Lantronix 2 port Server Linkwave 1 linkwave co uk sites

default files |||

Date: 03/25/2020 ENV-00273 Rev A Certificate of Compliance: ISO 9001 Design, Marketing and Sales of Machine to Machine Connectivity Hardware and Software, RoHS and REACH: SVHC Lantronix Part Numbers: UD110000B-01 UDS1100-B Embedded Device Server **UD1100001-01**, UD1100002-01 UDS1100 External Device...

lang:en **score:24** filesize: 95.26 K page_count: 1 document date: 2020-03-25



[pdf]

MPB 00219 RevA UDS1100 2100 US FRENCH cdn lantronix |||

Famille UDS1100/2100 Reversed icon here Serveurs de priphrique SERVEURS DE PRIPHRIQUE SRIE DES SE ... dage mis la terre Serveurs de priphrique Informations pour commander Numro de pice Description **UD1100001-01** UD1100002-01 UD11000P0-01 UD110000B-01 UD2100001-01 UD2100002-01 ACC-500-163-R Serveur...

lang:fr **score:24** filesize: 347.5 K page_count: 2 document date: 2024-01-24



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MPB 00219 RevA UDS1100 2100 A4 FRENCH cdn lantronix |||

Famille UDS1100/2100 Reversed icon here Serveurs de priphrique SERVEURS DE PRIPHRIQUE SRIE DES SE ... ation 1500 VAC avec blindage mis la terre Informations pour commander Numro de pice Description **UD1100001-01** UD1100002-01 UD11000P0-01 UD110000B-01 UD2100001-01 UD2100002-01 ACC-500-163-R Serveur...

lang:fr **score:24** filesize: 346.78 K page_count: 2 document date: 2024-01-24



167 Technology Dr.
Irvine, CA 92618 USA
Tel: 949-453-3990
Fax: 949-453-3995
www.lantronix.com

Date: 4/20/2012

PCN No.: 173

PRODUCT CHANGE NOTICE

Dear Valued Customer(s):

Lantronix is pleased to announce the release of a new and improved label format in UDS 6.0.2. The new upgrade to the label format is designed to improve readability and ease of use. The new label format is designed to be used in the field. The new label format is designed to be used in the field. The new label format is designed to be used in the field.

Support for the new label format is available in UDS 6.0.2.

For more information, please contact your local Lantronix representative.

UDS 6.0.2 support will be added to UDS 6.0.2. The new label format is designed to be used in the field. The new label format is designed to be used in the field. The new label format is designed to be used in the field.

For a full and complete description of the new label format, please refer to the UDS 6.0.2 User's Guide. The new label format is designed to be used in the field. The new label format is designed to be used in the field. The new label format is designed to be used in the field.

Part Number	Description	Current Version	New Version
UDS110000-01	Single Port PoE UD110000-01 UD110000-01 UD110000-01	122	122
UDS110000-02	Single Port PoE UD110000-02 UD110000-02 UD110000-02	122	122
UDS110000-03	Single Port PoE UD110000-03 UD110000-03 UD110000-03	122	122
UDS110000-04	Single Port PoE UD110000-04 UD110000-04 UD110000-04	122	122
UDS110000-05	Single Port PoE UD110000-05 UD110000-05 UD110000-05	122	122
UDS110000-06	Single Port PoE UD110000-06 UD110000-06 UD110000-06	122	122
UDS110000-07	Single Port PoE UD110000-07 UD110000-07 UD110000-07	122	122
UDS110000-08	Single Port PoE UD110000-08 UD110000-08 UD110000-08	122	122
UDS110000-09	Single Port PoE UD110000-09 UD110000-09 UD110000-09	122	122
UDS110000-10	Single Port PoE UD110000-10 UD110000-10 UD110000-10	122	122
UDS110000-11	Single Port PoE UD110000-11 UD110000-11 UD110000-11	122	122
UDS110000-12	Single Port PoE UD110000-12 UD110000-12 UD110000-12	122	122
UDS110000-13	Single Port PoE UD110000-13 UD110000-13 UD110000-13	122	122
UDS110000-14	Single Port PoE UD110000-14 UD110000-14 UD110000-14	122	122
UDS110000-15	Single Port PoE UD110000-15 UD110000-15 UD110000-15	122	122
UDS110000-16	Single Port PoE UD110000-16 UD110000-16 UD110000-16	122	122
UDS110000-17	Single Port PoE UD110000-17 UD110000-17 UD110000-17	122	122
UDS110000-18	Single Port PoE UD110000-18 UD110000-18 UD110000-18	122	122
UDS110000-19	Single Port PoE UD110000-19 UD110000-19 UD110000-19	122	122
UDS110000-20	Single Port PoE UD110000-20 UD110000-20 UD110000-20	122	122

SCHEDULE: Please note that the new label format is scheduled for release in UDS 6.0.2. The new label format is designed to be used in the field. The new label format is designed to be used in the field. The new label format is designed to be used in the field.

For more information, please contact your local Lantronix representative or contact Lantronix Support at 949-453-3990. The new label format is designed to be used in the field. The new label format is designed to be used in the field. The new label format is designed to be used in the field.

Product Marketing



P/N 173 Rev. 1.0

[pdf] Label

PCN 173 CoBos FW 6 8 0 1 UDS UD1100002 01 LANTRONIX UDS1100 External Device SOS electronic
cdn sos sk productdata 5c ff b1f074b0 ud1100002 |||

167 Technology Dr. Irvine CA 92618 USA Tel: 949-453-3990 Fax: 949-453-3995
www.lantronix.com Da ... n the product label will be updated. The affected skus are listed in the table below: Part Numbers **UD1100001-01** UD1100002-01 UD2100001-01 UD2100002-01 UD11000P0-01 UD1100BP0-01 UD1100BP2-01 UD1100NL2... lang:en **score:24** filesize: 94.11 K page_count: 1 document date: 2012-04-26



UDS1100/2100 Family Serial Device Servers

RELIABLE DEVICE SERVERS FOR AFFORDABLE SERIAL-TO-ETHERNET CONNECTIVITY

The UDS Family of device servers provides a hassle-free and inexpensive way to add Ethernet connectivity to virtually any device with a serial interface. Designed from the ground up with ease-of-use in mind, each member of the UDS Family enables users to connect, monitor, and control their equipment from practically anywhere via a network in the instant.

Available in one and two port models, and equipped with flexible power options including PoE, the UDS makes it simple to network-enable equipment without changing the way you work. Supplied with Lantronix' "PushPort" Click Port Redirection software, UDS makes a fully transparent serial connection to existing PC-based software applications—making it possible to remotely connect to equipment already in the field as if it were connected to a local PC serial port.

Additionally, every UDS is equipped with a built-in web server that allows users the flexibility to view, control, and configure remote equipment using a standard web browser.



- Provides a simple and cost effective serial-to-Ethernet connectivity solution for virtually any device with an RS-232C/422/485 serial interface
- Enables flexible power configurations eliminating the need for costly power converters
- Simplifies deployment with a tightly integrated, proven form factor ideal for use in harsh conditions
- Enables interoperability with a versatile collection of multi-to-one networking protocols
- Provides new business intelligence from network-enabled equipment




Think It. Connect It. Control It.

[pdf] Borchure

Manufacturer Brochure Lantronix UD1100002 01 Device Server CareTek Information Technology
Solutions 11922305 content etilize Manufacturer |||
UDS1100/2100 Family Serial Device Servers RELIABLE DEVICE SERVERS FOR AFFORDABLE SERIAL-TO-ETHERNET ... rt: 1500 VAC isolation with shield connected to chassis ground ORDERING INFORMATION Part Number **UD1100001-01** UD1100002-01 UD11000P0-01 UD110000B-01 UD2100001-01 UD2100002-01 500-163-R 500-164-R 50... lang:en **score:23** filesize: 258.8 K page_count: 2 document date: 2015-03-10



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Think It. Connect It. Control It.

[pdf] Borchure

Manufacturer Brochure Lantronix UDS1100 Device Server with PoE CareTek Information Technology
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UDS1100/2100 Family Serial Device Servers RELIABLE DEVICE SERVERS FOR AFFORDABLE SERIAL-TO-ETHERNET ... rt: 1500 VAC isolation with shield connected to chassis ground ORDERING INFORMATION Part Number **UD1100001-01** UD1100002-01 UD11000P0-01 UD110000B-01 UD2100001-01 UD2100002-01 500-163-R 500-164-R 50... lang:en **score:23** filesize: 258.8 K page_count: 2 document date: 2015-03-10



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- Provides new business intelligence from network-enabled equipment




Think It. Connect It. Control It.

[pdf] Borchure

Manufacturer Brochure Lantronix UDS2100 2 Port Device Server CareTek Information Technology
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UDS1100/2100 Family Serial Device Servers RELIABLE DEVICE SERVERS FOR AFFORDABLE SERIAL-TO-ETHERNET ... rt: 1500 VAC isolation with shield connected to chassis ground ORDERING INFORMATION Part Number **UD1100001-01** UD1100002-01 UD11000P0-01 UD110000B-01 UD2100001-01 UD2100002-01 500-163-R 500-164-R 50... lang:en **score:23** filesize: 258.8 K page_count: 2 document date: 2015-03-10



[pdf] Borchure

Manufacturer Brochure Lantronix UDS2100 2 Port Device Server CareTek Information Technology Solutions 1010273168 content utilize Manufacturer |||

UDS1100/2100 Family Serial Device Servers RELIABLE DEVICE SERVERS FOR AFFORDABLE SERIAL-TO-ETHERNET ... rt: 1500 VAC isolation with shield connected to chassis ground ORDERING INFORMATION Part Number **UD1100001-01** UD1100002-01 UD11000P0-01 UD110000B-01 UD2100001-01 UD2100002-01 500-163-R 500-164-R 50...

lang:en **score:23** filesize: 258.8 K page_count: 2 document date: 2015-03-10



[pdf] Datasheet

UD1100002 01 DigChip digchip Provided by datasheets parts datasheet 599 quote component LANTRONIX UDS1100 External Device SOS electronic cdn sos sk productdata fe d2 72836a29 ud1100002 |||

UDS1100/2100 Family Serial Device Servers RELIABLE DEVICE SERVERS FOR AFFORDABLE SERIAL-TO-ETHERNET ... rt: 1500 VAC isolation with shield connected to chassis ground ORDERING INFORMATION Part Number **UD1100001-01** UD1100002-01 UD11000P0-01 UD110000B-01 UD2100001-01 UD2100002-01 500-163-R 500-164-R 50...

lang:en **score:22** filesize: 264 K page_count: 2 document date: 2009-09-02

MTBF of selected current Lantronix products					
Assembly Name	Part Number	Description	Failure Rate (FIT)	MTBF (Hrs)	MTBF (Yrs)
8-Port Fiber Server	UD2100001-01	8-Port Fiber Server	443,308	10.4	
8-Port Fiber Server	UD2100002-01	8-Port Fiber Server	343,773	10.9	
8-Port Fiber Server	UD2100003-01	8-Port Fiber Server	41,486	7.9	
8-Port Fiber Server	UD2100004-01	8-Port Fiber Server	370,207	10.7	
8-Port Fiber Server	UD2100005-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100006-01	8-Port Fiber Server	60,155	8.3	
8-Port Fiber Server	UD2100007-01	8-Port Fiber Server	40,791	9.4	
8-Port Fiber Server	UD2100008-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100009-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100010-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100011-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100012-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100013-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100014-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100015-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100016-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100017-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100018-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100019-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100020-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100021-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100022-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100023-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100024-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100025-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100026-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100027-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100028-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100029-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100030-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100031-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100032-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100033-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100034-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100035-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100036-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100037-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100038-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100039-01	8-Port Fiber Server	64,994	7.4	
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8-Port Fiber Server	UD2100046-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100047-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100048-01	8-Port Fiber Server	64,994	7.4	
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8-Port Fiber Server	UD2100050-01	8-Port Fiber Server	64,994	7.4	
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8-Port Fiber Server	UD2100052-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100053-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100054-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100055-01	8-Port Fiber Server	64,994	7.4	
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8-Port Fiber Server	UD2100060-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100061-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100062-01	8-Port Fiber Server	64,994	7.4	
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8-Port Fiber Server	UD2100065-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100066-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100067-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100068-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100069-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100070-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100071-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100072-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100073-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100074-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100075-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100076-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100077-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100078-01	8-Port Fiber Server	64,994	7.4	
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8-Port Fiber Server	UD2100084-01	8-Port Fiber Server	64,994	7.4	
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8-Port Fiber Server	UD2100086-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100087-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100088-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100089-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100090-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100091-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100092-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100093-01	8-Port Fiber Server	64,994	7.4	
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8-Port Fiber Server	UD2100096-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100097-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100098-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100099-01	8-Port Fiber Server	64,994	7.4	
8-Port Fiber Server	UD2100100-01	8-Port Fiber Server	64,994	7.4	

[pdf] Frequently Asked Questions Documentation Warranty

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6/28/2015 MTBF of selected current Lantronix products Partners Careers Investors Products So ... ider Duo PS2 SLSLP400PS2-01 Remote KVM with local ports 70,117 8.0 UDS1100 UDS1100/PoE UDS2100 **UD1100001-01** UD11000101/-02/POE UDS210002-01 External Device Server External Device Server External... lang:en **score:22** filesize: 181.05 K page_count: 5 document date: 2022-03-22



[pdf] Datasheet

UDSx100 PB 14264 mouser datasheet 2 224

UDS1100/2100 Family Serial Device Servers RELIABLE DEVICE SERVERS FOR AFFORDABLE SERIAL-TO-ETHERNET ... rt: 1500 VAC isolation with shield connected to chassis ground ORDERING INFORMATION Part Number **UD1100001-01** UD1100002-01 UD11000P0-01 UD110000B-01 UD2100001-01 UD2100002-01 500-163-R 500-164-R 50...

lang:en **score:20** filesize: 263.83 K page_count: 3 document date: 2009-09-02

Remotely Monitor, Manage and Share Equipment Over the Net

Device networking is what powers **Build Machine** to machine communication. The UDS family of Device Servers™ enables users to connect, manage and control just about any piece of equipment with a serial port from virtually anywhere over Ethernet or the Internet.

With the UDSs, virtually any piece of equipment can be added to an Ethernet network in a matter of minutes. The single-port Device Server is a quick, simple and inexpensive way to bring the advantages of remote management to equipment not currently connected to a network.

Outstanding Serial Communications Access

Use Cables

- Our approach to network-existing devices is transparent to your attached equipment and software so you won't need to change the way you work. Using a standard shielded serial cable, the UDS encapsulates serial data into packets and transports it over Ethernet. Serial tunneling can be done in two ways:
- Using Lantronix's optional **Can Port Redirection™** software, Windows® device applications not designed for network communications are redirected to communications to devices connected to the UDSs.
- Connecting two UDSs allows devices configured to automatically talk to each other over the network, creating virtual serial connections that can extend serial communications across a facility or around the world.

The built-in web server enables users to access and configure the UDS from a standard web browser. Web pages enabling the UDSs can be customized for unique applications and can be built using Lantronix development tools. On-board flash memory provides room for future feature enhancements and maintenance files, view-able via web page storage.

Easy to Set Up and Use

The UDSs can be set up locally through its serial port, or remotely using Telnet or a web browser. The included **DevControl™** Windows-based configuration software simplifies setup and provides an easy way to:

- Assign IP & other network specific addresses
- Load custom web pages
- Create web-based configuration of the Device Server
- Plug or open the attached device(s) over the network
- View specific device data files
- Upgrade firmware

Modern Implementation

In modern embedded mode, the UDS is used to reduce dial-up modems. The web accepts modem AT commands to the serial port. This establishes a network connection to the end device, forwarding network connections and bandwidth to attached industrial modems and phone lines.

If you're looking for a transparent, cost-effective, and scalable means to network-enable your serial devices, look no further than the UDS.

For example, the UDSs can receive **DevControl** messages on the existence of the use of certain hazardous substances in chemical and electronic equipment.

[pdf]

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UDS1100 Device Server Network virtually any device in minutes Access, monitor and control equipment ... cted to chassis ground for signal integrity and ESD protection Ordering Information Part Number **UD1100001-01** UD1100002-01 UD110000B-01 Description UDS1100 Device Server, US domestic power 120 VAC...

lang:en score:18 filesize: 1.48 M page_count: 2 document date: 2006-09-05

[pdf] Borchure

Manufacturer BrochureLantronix UDS2100 2 Port Device Server Caretek IT Solutions1086770131content etilize Brochure 1086770131 BrochureManufacturer SolutionsLantronix UD1100002 01

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CONNECTIVITY The UDS family of device servers provides a hassle-free and inexpensive way to add

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RELIABLE DEVICE SERVERS FOR AFFORDABLE SERIAL-TO-ETHERNET CONNECTIVITY The UDS

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SERVICES RELIABLE DEVICE SERVE ... solation with shield connected to chassis

ground Device Servers Ordering Information Part Number **UD1100001-01**

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lang:en score:18 filesize: 252.81 K page_count: 2 document date: 2023-12-06

RELIABLE DEVICE SERVERS FOR AFFORDABLE SERIAL-TO-ETHERNET CONNECTIVITY

The UDS family of device servers provides a hassle-free and inexpensive way to add Ethernet connectivity to virtually any device with a serial interface. Designed from the ground up with ease-of-use in mind, each member of the UDS family enables users to connect to, monitor, and control their equipment from practically anywhere on a network or the Internet.

Available in one- and two-port models, and equipped with flexible power options including PoE, the UDS makes it simple to network-enable equipment without changing the way you work. Equipped with Lantronix's **TruPort™** Can Port Redirection™ software, UDS enables a fully transparent serial-to-network connection, making PC-based software applications – making it possible to remotely connect to equipment already in the field as if it were connected to a local PC serial port.

Additionally, every UDS is equipped with a built-in web server that allows users the flexibility to access, control, and configure remote equipment using a standard web browser.

UDS1100/2100:

- Provides a simple and cost-effective method of connecting virtually any device with an RS-232C/422/485 serial interface
- Delivers trouble-free, configuration-free operation eliminating the need for costly power converters
- Simplifies deployment with a highly integrated power factor rated for use under harsh conditions
- Enables interoperability with a versatile collection of leading-edge networking protocols
- Provides true hardware intelligence from network-enabled equipment

Remotely Monitor, Manage and Share Equipment Over the Net

Device networking is what powers **Build Machine** to machine communication. The UDS family of device servers enables users to connect, manage and control just about any piece of equipment with a serial port from virtually anywhere over Ethernet or the Internet.

With the UDSs, virtually any piece of equipment can be added to an Ethernet network in a matter of minutes. The single-port device server is a quick, simple and inexpensive way to bring the advantages of remote management to equipment not currently connected to a network.

Outstanding Serial Communications Access

Use Cables

- Our approach to network-existing devices is transparent to your attached equipment and software so you won't need to change the way you work. Using a standard shielded serial cable, the UDS encapsulates serial data into packets and transports it over Ethernet. Serial tunneling can be done in two ways:
- Using Lantronix's optional **Can Port Redirection™** software, Windows® device applications not designed for network communications are redirected to communications to devices connected to the UDSs.
- Connecting two UDSs allows devices configured to automatically talk to each other over the network, creating virtual serial connections that can extend serial communications across a facility or around the world.

The built-in web server enables users to access and configure the UDS from a standard web browser.

Web pages enabling the UDSs can be customized for unique applications and can be built using Lantronix development tools. On-board flash memory provides room for future feature enhancements and maintenance files, view-able via web page storage.

Easy to Set Up and Use

The UDSs can be set up locally through its serial port, or remotely using Telnet or a web browser. The included **DevControl™** Windows-based configuration software simplifies setup and provides an easy way to:

- Assign IP & other network specific addresses
- Load custom web pages
- Enable web-based configuration of the Device Server
- Plug or open the attached device(s) over the network
- View specific device data files
- Upgrade firmware

Modern Implementation

In modern embedded mode, the UDS is used to reduce dial-up modems. The web accepts modem AT commands to the serial port. This establishes a network connection to the end device, forwarding network connections and bandwidth to attached industrial modems and phone lines.

Total Can Port Control with TruPort™ Technology

Both sides, the included Can Port Redirection software, **TruPort™** technology enables Windows-based applications to access and control serial ports on the UDSs as if they were actually local PC serial ports. This application can monitor and/or takeover any of the UDS's serial ports as well as access serial buffers to read Can port control. This allows existing applications to transparently monitor their controlling serial devices for the remote monitoring and control of devices around the world.

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UDS1100 Device Server Network virtually any device in minutes Access, monitor and control equipment ... nected to chassis ground for signal integrity and ESD protection Ordering Information Part Number **UD1100001-01** UD1100002-01 UD110000B-01 Description UDS1100 device server, US domestic power 120 VAC...

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Device Server UDS1100-PoE UDS1100 Device Server Network virtually any device in
minutes Access, mon ... nected to chassis ground for signal integrity and ESD
protection Ordering Information Part Number **UD1100001-01** UD1100002-01

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UDS1100/2100 Family Serial Device Servers RELIABLE DEVICE SERVERS FOR
AFFORDABLE SERIAL-TO-ETHERNET ... rt: 1500 VAC isolation with shield
connected to chassis ground ORDERING INFORMATION Part Number **UD1100001-**

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UDS1100/2100 Family Serial Device Servers RELIABLE DEVICE SERVERS FOR
AFFORDABLE SERIAL-TO-ETHERNET ... rt: 1500 VAC isolation with shield
connected to chassis ground ORDERING INFORMATION Part Number **UD1100001-**

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UDS1100/2100 Family Serial Device Servers RELIABLE DEVICE SERVERS FOR
AFFORDABLE SERIAL-TO-ETHERNET ... rt: 1500 VAC isolation with shield
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