



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





NETWORK CONNECTIVITY FOR ANY SERIAL DEVICE “RIGHT ON THE WIRE”

xDirect® is a sleek and compact Serial-to-Ethernet device server, providing quick and easy Ethernet connectivity to virtually any device or machine with a serial interface.

With an integrated Ethernet port and serial cable, multiple power options including PoE and an industry-best five year warranty, xDirect provides a portable, extremely flexible and highly affordable network connectivity solution.

xDirect comes with a built-in web server that enables users to access and configure the unit using a standard web browser on a PC, smartphone, or tablet from anywhere.

With plug-and-play simplicity, small form factor, multiple power options, and a robust device server application, xDirect provides the easiest and shortest path to network connectivity ‘right on the wire’.

xDirect Highlights

- Complete Network Connectivity Solution
- Integrated 10/100 Ethernet Port and Serial Cable
- Complete Device Server Application with Full IP Stack and Web Server
- Space Saving Form Factor
- Serial Data Rate of up to 921.6 Kbps
- 128/192/256-bit AES Encryption
- Flexible Power Options including PoE
- Extended Temperature Range of -40° to 85°C
- 5-year Limited Warranty

Features and Specifications

Serial Interface

- Modes: RS232, RS422* or RS485* (2 and 4 wire support)
- Baud Rate: 300bps to 921.6 Kbps
- Characters: 7 or 8 data bits
- Stop Bits: 1 or 2
- Parity: Odd, even, more
- Modem Control Signals: DTR, DSR/DCD
- Flow Control: XON/XOFF (software), CTS/RTS (hardware)

*Available on xDirect485 & PoE models

Serial Connectors

- Single-port: DB9F (DCE Pinned)

Ethernet Interface

- Interface: 10Base-T /100Base-T (Auto-sensing)
- Speed: 10/100 Mbps
- Connector: RJ45
- Protocols: UDP, TCP, ARP, Telnet, ICMP, SNMP, DHCP, BOOTP, TFTP, Auto IP, HTTP, Telnet Com Port Control

LED Indicators

- Power/Status, Link, Activity, Serial RX Activity & TX Activity

Processor

- CPU: Based on DSTni-EX Enhanced 16-bit x86 Architecture
- Memory: 256 KB SRAM, 1 MB Flash

Power Requirements

- Input Voltage: 5V at mini-USB-B jack
- Input Voltage: 5-15 VDC at DB9F pin 9
- Power Consumption: 1.3W max w/o PoE, 2.0W max with PoE

Form Factor

- Dimensions:



- Weight: 0.068 Kg (0.15 lbs)

Shipping Dimensions

- 180 x 130 x 53 mm (LxWxH)

Environmental Limits

- Operating Temperature**
 - -40° to 85° C (-40° to 185° F), non-PoE models
 - -40° to 70° C (-40° to 158° F), PoE model
- Storage Temperature: -40° to 85° C (-40° to 185° F)
- Relative Humidity: 0% to 90% non-condensing

Software

- Windows 7/Vista/XP/2008 Server/2003 Server (32-bit and 64-bit versions), DeviceInstaller™ configuration software, Com Port Redirector software and related utilities
- Configuration Options: Web Browser, Telnet Client, Serial Terminal

Security

- 128/192/256-bit AES Encryption

Isolation and Protection

- Serial Port: 15 KV ESD protection on RS232 and RS422/485 transceivers
- Ethernet Port: 1500 VAC isolation shielded
- PoE: 1500 VAC isolation

Regulatory Approvals

- **Emissions**
 - FCC Part 15, Subpart B, Class B
 - EN55022, Class B
 - EN61000-3-2, EN61000-3-3
 - ICES-003 Issue 4
 - AS/NZS CISPR22
- **Immunity**
 - EN55024
 - EN61000-4-2, EN6100-4-3, EN61000-4-4, EN61000-4-5,
- **Agency Approvals**
 - EN61000-4-6, EN61000-4-8, EN61000-4-11
 - UL 60950-1, 2nd Edition
 - CAN/CSA C22.2 No. 60950-1-07, 2nd Edition
 - CE
 - VCCI
 - C-Tick
 - IEC 60950-1 2005, 2nd Edition

Warranty

- 5-year Limited

Part Number	Description
XDT2321002-01-S	xDirect232 Single Port RS232 10/100 Device Server, 100-240 VAC International Power Supply with Regional Adapters, RoHS
XDT4851002-01-S	xDirect485 Single Port RS232/422/485 10/100 Device Server, 100-240 VAC International Power Supply with Regional Adapters, RoHS
XDT10P0-01-S	xDirect PoE Single Port RS232/422/485 10/100 Device Server, No Power Supply, RoHS

Accessories	Description
140-448-R	Mini DB9M-M Gender Changer, Null Modem with Pin 9, RoHS
520-158-R	Power Supply, 100-240 VAC, 50-60Hz, 5VDC 1A, Mini USB-B Right Angle, 4 Regional Adapters, Level VI, RoHS

Ordering Information

Americas

Call: 800.422.7055
 sales@lantronix.com
 Buy Online:
<http://www.lantronix.com>
 NASDAQ: LTRX

China

Call: +86.021.6237.8868
 shanghai@lantronix.com

Europe

Call: +31 (0) 76.52.3.6.74 4
 EMEA@lantronix.com

Asia/Pacific

Call: +852 3428.2338
 asiapacific_sales@lantronix.com

Japan

Call: +81.(0).50.1354.5201
 sales_japan@lantronix.com

**The xDirect is UL rated to 75° C. The included power supply has an operating temperature range of 0° to 40° C. Extended temperature power supplies are available (refer to Ordering Information section).

