



- Remotely configure, program, monitor and manage: PLCs, AC/DC Drives, Process Controls, Power Monitoring Equipment, Barcode Scanners, and other factory floor serial devices
- Choose from many supplied Industrial Communications Protocols or the Standard Serial Protocol Tunneling on the APS CD
- Connect enterprise (ERP, MES) systems to factory floor devices without disturbing existing control networks
- Supports RS-232 and RS-422/ 485 serial connections at rates up to 115,200 bps
- 10Base-T Ethernet (RJ45)
- Compact size – smaller than a deck of playing cards
- Universal 100 to 240 VAC power adapter included

UDS-10-IAP Device Server

The UDS-10-IAP Device Server allows almost any serial device to be connected to a new or existing 10Base-T Ethernet network. Both compact and economical, it is designed for use in applications with less demanding environmental requirements.

The UDS-10-IAP is a member of the new IAP (Industrial Automation Platform) family of products, which are loadable with various Industrial Communications Protocols from the supplied APS (Automation Protocols Suite) CD. The user simply chooses the appropriate protocol that his application requires and loads that into any of the -IAP family Device Servers. Continuous addition of more Industrial Communication Protocols to the APS CD will expand the number of applications where the -IAP family of products can be used.

By encapsulating serial data and transporting it over Ethernet, the UDS-10-IAP allows virtual serial links to be established over Ethernet. By using this unit, limited distance, point-to-point, direct serial connections can now be extended within the plant, throughout the facility or across the global enterprise.

When used in conjunction with an OPC server, most Windows® based HMI, SCADA and PC-based control applications have full access to information in the connected device.

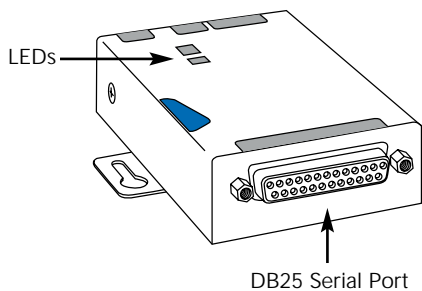
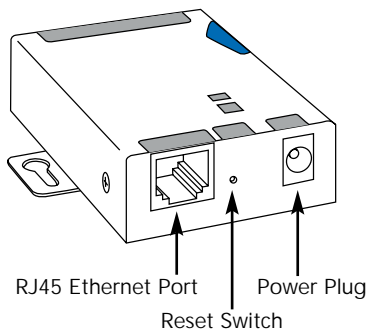
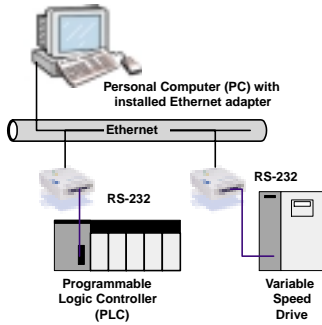
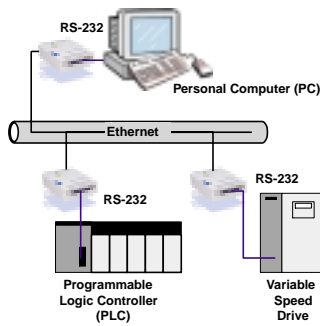
Existing COM-port based Windows® applications can access network-enabled devices, using Comm Port Redirector™ software. Redirector allows the creation of virtual serial ports, which can be mapped to remote Device Servers over Ethernet.

Installable communication drivers allow specific support for most industrial communication protocols. With native support for these protocols, devices that previously allowed only one connection can now support multiple connections simultaneously.

Flexible configuration options allow the unit to be setup locally using the serial port, or remotely over Ethernet using telnet or a common web browser.

Included Windows® based configuration software simplifies the process of installing communication drivers and in configuring them for use with attached devices. Flash memory provides for maintenance-free non-volatile storage, and allows future system upgrades.

Example Configurations



Serial Interface

Interface: RS-232, RS-422 or RS-485
 Connector: DB25, DCE configuration
 Data Rates: 300 to 115,200 bps
 Characters: 7 or 8 data bits
 Parity: odd, even, none
 Stop Bits: 1
 Flow Control: XON/XOFF, RTS/CTS
 Control Signals: RTS, CTS, DSR, DCD, DTR
 Installable serial protocols

Network Interface

Standards: ARP, UDP/IP, TCP/IP, ICMP, SNMP, BOOTP, DHCP, TFTP, Telnet and HTTP
 Interface: 10Base-T Ethernet
 Connector: RJ45
 Installable application layer protocols

Indicators

Link (green), Network transmit/receive (yellow), Collision (red), Diagnostic (red), Status (green)

Management

SNMP, serial, telnet and HTTP (web browser)

Power

Input: 9 to 30 VDC, 250 MA max, Universal 100 to 240 VAC, 50/60 Hz power adapter included

Environmental

Operating: 5° to 50°C (41° to 122°F)
 Storage: -40° to 66°C (-40° to 151°F)

Unit Packaging

Mounting: Flange
 Material: Metal case
 Dimensions: 23 x 64 x 90 mm (0.9 x 2.5 x 3.5 in)
 Weight: 0.35 kg (0.8 lbs)

Agency Approvals

CE, FCC B, TUV, C/UL

Warranty

5-year limited warranty

Software

Included Windows® 95/98/ME/NT/2000 based configuration software simplifies initial setup

Shipping

Dimensions: 115 x 242 x 191 mm (4.5 x 9.5 x 7.5 in)
 Weight: 1.5 kg (3.0 lbs)

Ordering Information

UDS-10-IAP

Device server, DB25 (RS-232, RS-422/485) DCE serial port, RJ45 (10Base-T) network port, diagnostic LEDs, APS CD-ROM with configuration tools, installable communication drivers and installation guide.

UDS-M-SBC

Male DB25 to RS-422/485 screw block connector

UDS-10-IAP



Distributeur

Siège

Parc d'activité de Boufféré
 85600 Montaigu
 Tel : +33 (0) 251 09 2660
 Fax : +33 (0) 251 09 2585

<http://www.sphinxconnect.com>

Paris

166 Bd Montparnasse
 75014 Paris
 Tel : + 33 (0) 142 79 5183
 Fax : +33 (0) 142 79 5184

e-mail : mail?sphinxconnect.com

Allemagne (Laudenbach)
Autriche (Vienne)
Grande Bretagne (Londres)
Suisse (Bubikon)

