



### Multipurpose Network Serial/Access Server

#### Features and Benefits

- Multi-function serial server
- Flexible Remote Access Server
- Flexible solution with 2 to 16 ports
- 10/100 LAN connectivity
- Comprehensive security features
- Free Fixed port software (Trueport-Lite)
- Free Flash firmware upgrades
- Comprehensive management options
- Management statistics available
- Rack and desk mount options
- Lifetime warranty for security and peace of mind

#### Applications

- Connect EPOS devices over the LAN
- Access serial devices for manufacturing process control
- Provide remote access to users and customers
- Provide Terminal/printer access within harsh environments
- Connect modem pools for dial-in/dial-out purposes
- Providing connectivity in remote branches

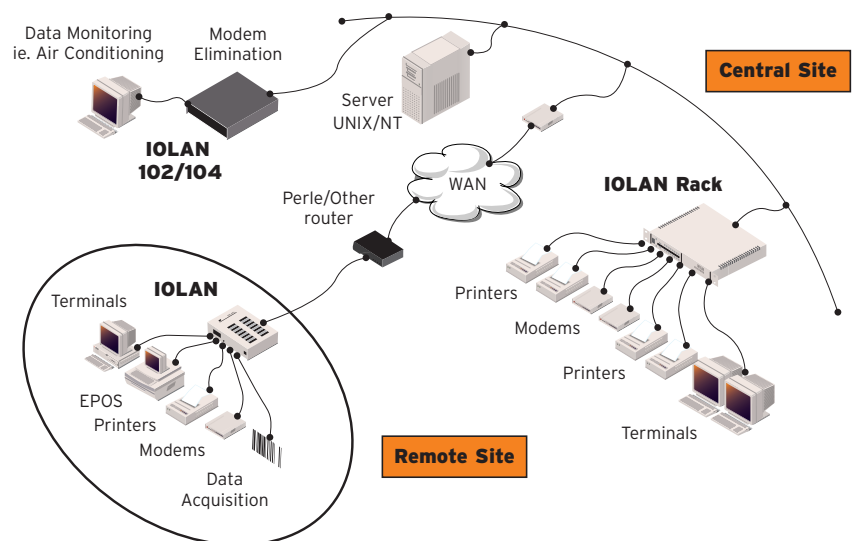
IOLAN+ offers a cost effective and efficient way of communicating with serial devices over a LAN or WAN. IOLAN+ provides 2, 4, 8 or 16 serial ports that can access or be accessed by various systems across a network. This eliminates the need for multiple servers with serial port cards and reduces costly cabling.

#### Ease of Use

The IOLAN+ is extremely easy to configure directly or via IP using command line, GUI interface or character based menus. The IOLAN+ also provides comprehensive statistics for monitoring activity, throughput, connection times, etc for complete management.

#### Pseudo or Fixed Connections

The IOLAN+ is capable of pseudo connections to servers via Telnet or Rlogin without additional software. However, where a servers application needs to access fixed TTY or COM ports, Perle provides software called Trueport-Lite free with the unit.



#### Multiple Applications

- RAS – IOLAN+ can perform as a remote access server using SLIP and PPP with security provided by PAP, CHAP, call-back, whitelists, and 3rd party host authentication
- Printing – IOLAN+ can act as a print server using RCP, LPD or Trueport-Lite software
- POS and Data Acquisition – IOLAN+ connects various devices such as barcodes, scanners, weigh scales, tills etc using Perle's Trueport-Lite
- Traditional Terminal server – IOLAN+ has all the features you would expect from a brand leader

#### Class Leading Support and Warranty

The Perle IOLAN+ is backed by the best service and support in the industry including Perle's unique lifetime warranty.

## Technical Specifications

### Serial Ports

- 2, 4, 8 or 16 RS232 ports (optional RS422 for IOLAN+Rack and IOLAN+102/104)
- Full modem control
- 50bps...115Kbps
- DB25 connectors: IOLAN+
- RJ45 connectors: IOLAN+Rack, IOLAN+102/104

### Serial Port Signals

CTS, RTS, DSR, DTR, DCD, Rx, Tx

### Ethernet

#### LAN

1 Ethernet 10/100 BT RJ45

### Network Protocols

TCP/IP, UDP, ICMP, Bootp, TFTP, Telnet, rlogin, raw, reverse Telnet, PPP, SLIP, CSLIP, LPD, RCP, DNS, WINS

### Management

SNMP, MIB II, Character & Perle Enterprise variables, Telnet, shared console port

### Modem Support

Full bi-directional

### Memory

Flash based for firmware and configuration information

### Power Supply

47/63Hz 110-230V AC +/-10%, 30W  
Optional 48V DC rack

IOLAN+102/104 uses 50/60Hz  
110-230V AC (10W external PSU)

### Dimensions, Weight

#### IOLAN+:

- L-305mm, W-250mm, H-50mm
- Mass-1.66Kg

#### IOLAN+Rack:

- L-490mm, W-300mm, H-44mm
- Mass-1.85Kg

#### IOLAN+102/104:

- L-230mm, W-163mm, H-32mm
- Mass-1.2Kg includes PSU

### Environmental

#### Operational

- Temp: +5°C to +50°C
- Humidity: 10% to 90% RH non-condensing

#### Storage

- Temp: -30°C to +80°C
- Humidity: 5% to 95% RH non-condensing

### Approvals

- EN55022 Class A, FCC A, CSA, EN60950, UL1950, CE, CTick

### TruePort

Fixed TTY/COM port emulation software.

IOLAN+ supports Trueport-Lite. For full port control please see the JetStream product.

- AIX
- SCO UnixWare
- SCO OpenServer
- NCR
- HP UX
- Solaris

- Microsoft Windows® NT
- FreeBSD
- Linux

### Warranty

- Limited lifetime warranty

### Maintenance Agreement

- To ensure rapid system recovery, maintenance agreements are available for Perle hardware. These include on-site service in many areas, or express part replacement. Visit Perle's Web site for coverage details.

[www.perle.com/support/service\\_sales.html](http://www.perle.com/support/service_sales.html)

### Free Software

- Perle provides free software upgrades to registered users via Perle's Web site.
- [www.perle.com/downloads](http://www.perle.com/downloads)

Visit the Perle Web site for up-to-date support and availability information.

[www.perle.com/products](http://www.perle.com/products)

### Ordering Information

For Product Codes and Model Descriptions, please visit Perle's Web site at [www.perle.com/products](http://www.perle.com/products) and select Product Family Serial Servers

Perle products available from:



**Perle Systems Europe Limited**  
3 Wintersells Road  
Byfleet, Surrey  
KT14 7LF, United Kingdom  
[www.perle.com](http://www.perle.com)

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