



### 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 Network connection across range
- 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

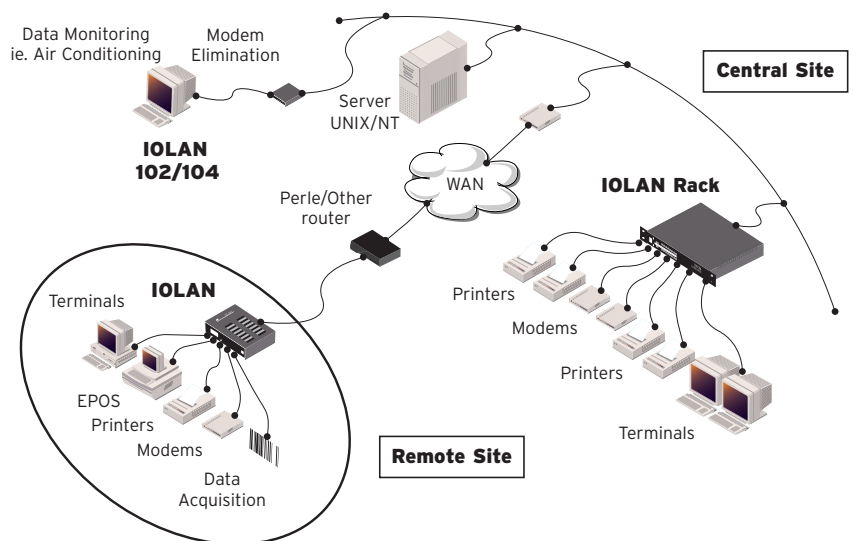
IOLAN+ offers a cost effective and efficient way of communicating with serial devices over a LAN or WAN. IOLAN+ provides 2, 4, 8 or 16 serial ports that can access or be accessed by various systems across a network. This eliminates the need for multiple servers with serial port cards and reduces costly 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, 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)
- 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 x 10/100Mb RJ45 network connector

### 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 (36-72V DC)  
IOLAN+102/104 uses 50/60Hz  
110-230V AC (10W external PSU)

### Dimensions, Weight

IOLAN+:

- L-12", W-9.8", H-2"
- Mass-3.6 lbs

IOLAN+Rack:

- L-19", W-11.8", H-1.7"
- Mass-4 lbs

IOLAN+102/104:

- L-9", W-6.4", H-1.2"
- Mass-2.6 lbs includes PSU

### Environmental

Operational

- Temp: +41°F to +122°F
- Humidity: 10% to 90% RH non-condensing

### Storage

- Temp: -22°F to +176°F
- Humidity: 5% to 95% RH non-condensing

### Approvals

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

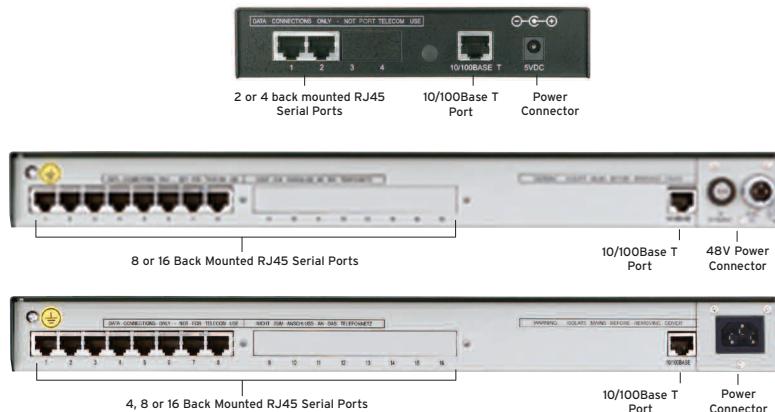
### TruePort

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®
- FreeBSD
- Linux

### Warranty

- Limited lifetime warranty



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

Perle products are constantly reviewed and updated to meet customers' needs, as such specifications and capabilities are subject to change without notice. We endeavor to keep product descriptions as current as possible; for the latest up-to-date information, please visit our web site at [www.perle.com](http://www.perle.com). Perle is a registered trademark of Perle Systems. All other product names are trademarks of their respective holders. Copyright©Perle.