



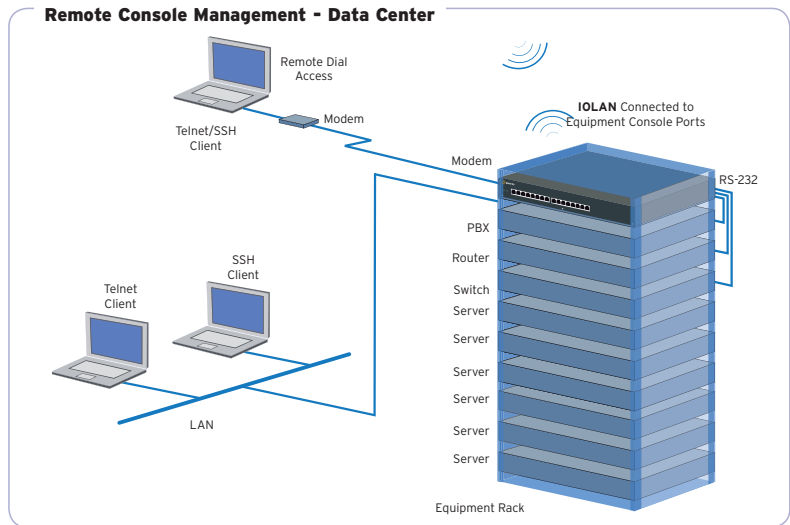
Features and Benefits

- 8, 16, 32 and 48 EIA/RS-232 port models
- Next Generation IP support (IPv6) for investment protection and network compatibility
- Data encryption over SSH, SSL or IPsec sessions
- 400 Mhz 32 bit processor - 750 MIPS
- Hardware encryption processor for optimal performance
- Dual 10/100/1000 Ethernet with Redundant Path technology for network redundancy
- Secure clustering of multiple Console Servers with one IP address
- Powerful authentication schemes prevent unauthorized access
- Port buffering for data capture and analysis - local, SYSLOG, NFS or encrypted NFS
- Multi-session capability gives secure port access rights for multiple users
- Access Serial ports via web browser
- Event notification via email
- Optional integrated modem card
- RoHS and WEEE compliant
- Perle Lifetime warranty for security and peace of mind

The IOLAN SCS is the most advanced series of multi-port console servers available. Delivering the highest level of reliability and performance in a 1U form factor, an IOLAN SCS offers robust security, flexibility and next generation IP technology, ideal for managing remote equipment via their serial console ports. Available in 8, 16, 32 and 48 port sizes, the IOLAN SCS series has the right fit for your serial application needs.

Secure Serial Console Management

IOLAN SCS console servers enable administrators to securely access remote serial console ports on equipment such as PBX, servers, routers, network storage equipment and security appliances through an IP network. Data management information is protected through standard encryption tools such as Secure Shell (SSH) and Secure Sockets Layer (SSL). Access by authorized users is assured via authentication schemes such as RADIUS, TACACS+, LDAP, Kerberos, NIS and RSA Security's SecurID tokens.



High Availability Access

The IOLAN SCS has built-in fault tolerant capabilities to ensure secure and reliable access for managing important mission critical equipment. Dual ethernet interfaces on the IOLAN SCS provides a backup network path while dual AC power supply models ensure that console management is available even if the primary AC power source fails. For remote administrators that require access from home, on the road or in the event of a total network failure, an optional IOLAN V.92 modem card delivers a solid, integrated solution with direct phone line attachment via its onboard RJ11 jack.

Protection against electrostatic discharges and power surges is provided with robust 15Kv ESD protection circuitry on each serial port.

Advanced IP Technology

The IOLAN SCS is the most advanced line of serial terminal/device servers on the market. With support for dual Gigabit Ethernet and Next Generation IP (IPv6), an IOLAN SCS provides organizations with the investment protection today to meet the compatibility needs of networks tomorrow.

Class Leading Support and Warranty

All Perle IOLAN SCS models are backed by the best service and support in the industry including Perle's unique lifetime warranty. Since 1976 Perle has been providing its customers with networking products that have the highest levels of performance, flexibility and quality.



Technical Specifications

Processor

- MPC8349E, 400Mhz, 750 Mips

Network/Ethernet

- 2 x 10/100/1000-Base TX

Redundant Path Technology on Dual Ethernet

- Active standby mode - single IP address, single Mac address
- Dual network access mode - Dual IP addresses, Dual Mac addresses

Management Port

- EIA-232 RJ45

Integrated Dial-up modem

- Optional Perle Modem Card available

Wireless GSM/GPRS

- Optional PCMCIA adapter supporting 3rd party GSM/GPRS cards

Protocols

- IPv6, IPv4, TCP/IP, Reverse SSH, SSH, SSL, IPSec/IPv4, IPSec/IPv6, CIDR, RIPV2/MD5, ARP, RARP, UDP, UDP Multicast, ICMP, BOOTP, DHCP, TFTP, SNMP, Telnet, raw, Reverse Telnet, RFC 2217, LPD, RCP, DNS, Dynamic DNS, WINS, HTTP, HTTPS, SMTP, SNMPV3, PPP, PAP/CHAP, SLIP, CSLIP, Modbus/TCP, Modbus/RTU, Modbus/ASCII

Security and Authentication

- SSHV1 and SSHV2
- SSL V3.0/TLS V1.0, SSL V2.0
- SSL Server and SSL client mode capability
- IPSec: NAT Traversal, ESP Authentication Protocol
- Encryption: AES (256/192/128), 3DES, DES, Blowfish, CAST128, ARCFOUR(RC4), ARCTWO(RC2)
- Hashing Algorithms: MD5, SHA-1, RIPEMD160, SHA1-96, and MD5-96
- Key exchange: RSA, EDH-RSA, EDH-DSS, ADH

- X.509 Certificate verification: RSA, DSA
- Certificate authority (CA) list
- Local database
- RADIUS Authentication and Accounting
- TACACS+, LDAP, NIS, Kerberos
- RSA SecureID-agent or via RADIUS
- IP Address filtering
- Disable unused daemons

Management

- Web browser or secure web browser via https (SSL/TLS)
- Direct serial port access via internet browser
- Perle DeviceManager software to manage single or multiple device servers
- Secure clustering of multiple Console Servers via single IP address
- CLI – Telnet, SSH, console port
- IOLAN+ configuration mode
- SNMP, MIB II, Perle MIB, read and write capabilities
- Event notification via email
- SYSLOG
- Port Buffering – local, SYSLOG, NFS or 3DES encrypted to NFS server

Serial Port(s)

- EIA-232
- Full modem and hardware flow control
- 50bps to 230Kbps for EIA-232
- 8, 16, 32 or 48 RJ45 connectors
- SUN Break Safe
- Full bidirectional modem support
- 15Kv ESD protection on all signals

Indicators

- Power
- System Ready
- Network Link activity
- Serial: Transmit and Receive data LEDs

Dimensions, Weight

- Dimension (L x W x H)
26.4 x 43.4 x 4.4 (cm)
10.38 x 17.1 x 1.75 (in)
 - SCS8 3 kg, 6.6 lbs
 - SCS8 DC 3.2 kg, 7.0 lbs
 - SCS8 DAC 3.2 kg, 7.0 lbs
 - SCS16 3.1 kg, 6.8 lbs
 - SCS16 DC 3.2 kg, 7.0 lbs
 - SCS16 DAC 3.4 kg, 7.5 lbs
 - SCS32 3.2 kg, 7.0 lbs
 - SCS32 DC 3.2 kg, 7.0 lbs
 - SCS32 DAC 3.5 kg, 7.7 lbs
 - SCS48 3.5 kg, 7.7 lbs
 - SCS48 DAC 3.6 kg, 8.0 lbs
- Rack mounting brackets included

Power

- 100-240 VAC single or dual power supplies
- Dual input 48VDC models - 36V - 72V

Fixed TTY/COM Port Emulation Software

- TruePort

Environmental

- Operating temperature:
0°C to 55°C, 32°F to 131°F
- Storage temperature:
-40°C to 66°C, -40°F to 150°F

Approvals

- FCC Part 15A, CE, CAN/CSA 22.2, UL 60950, EN 55022 Class A, EN 55024 Class A

Warranty

- Limited lifetime warranty



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Model	Features							Part Number		
	Ethernet	Serial Ports	Interface Type	Serial Connector	AC	Dual AC	48VDC	USA	Europe	UK
IOLAN SCS8	Dual 10/100/1000	8	EIA-232	RJ45	•			04030224	04030222	04030221
IOLAN SCS8 DC	Dual 10/100/1000	8	EIA-232	RJ45			•	04030870	04030870	04030870
IOLAN SCS8 DAC	Dual 10/100/1000	8	EIA-232	RJ45		•		04030234	04030232	04030231
IOLAN SCS16	Dual 10/100/1000	16	EIA-232	RJ45	•			04030244	04030242	04030241
IOLAN SCS16 DC	Dual 10/100/1000	16	EIA-232	RJ45			•	04030860	04030860	04030860
IOLAN SCS16 DAC	Dual 10/100/1000	16	EIA-232	RJ45		•		04030254	04030252	04030251
IOLAN SCS32	Dual 10/100/1000	32	EIA-232	RJ45	•			04030284	04030282	04030281
IOLAN SCS32 DC	Dual 10/100/1000	32	EIA-232	RJ45			•	04030270	04030270	04030270
IOLAN SCS32 DAC	Dual 10/100/1000	32	EIA-232	RJ45		•		04030204	04030202	04030201
IOLAN SCS48	Dual 10/100/1000	48	EIA-232	RJ45	•			04030294	04030292	04030291
IOLAN SCS48 DAC	Dual 10/100/1000	48	EIA-232	RJ45		•		04030214	04030212	04030211
IOLAN SCS48C	Dual 10/100/1000	48	EIA-232	RJ45	•			04030744	04030742	04030741
IOLAN Modem Card				RJ11				04030854	04030852	04030851

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