BLACK BOX®
NETWORK SERVICES

Secure Device Servers

LEE9011E

LEE9042E

LEE9044E

Key Features

▶ **Control serial devices over your Ethernet network.**

▶ **Dial-in Feature from remote locations.**

▶ **Forward data automatically to the correct serial destination port.**

▶ **Models with integrated 56K analogue modem available.**

▶ **Supports RS232, RS422 and RS485.**

Secure Device Servers are compact terminal servers that provide secure in-band and out-of-band access to serial ports on your Ethernet network. You can use the serial port for connections to your switch, router or industrial device operated by RS232, RS485 or RS422.

This product support vatious applications: You can simply telnet to the serial port, assign a virtual COM Port of your Windows or Linux PC to the remote serial port or bridge the serial port over your Ethernet network to the place you need it.

In comparison to many other products these device servers can do much more. You can attach a modem to one of the ports or use the 1 port model with integrated analogue 56K V92 modem. This enables you to dial into your network to manage the serial port and manage or use any other Ethernet devices on your network. This functionality presents the demand for high security. These device servers have embedded encryption, firewall and port blocking features to ensure security.

It can save you a lot of money with its ability to dial into a network. Just imagine a router is installed somewhere for a leased line connection to a very important factory site. The leased line fails and the router just needs to be restarted to resynchronize the connection. Are you familiar with this scenario? Normally you would try to explain to someone what he needs to do (Just repowering the router bears the risk of the router loosing the entire configuration) or you will go onsite and do it yourself. Using these device servers you can now use any analogue dial up connection to get into the CLI of your router, restart the router and test the availability of the whole network. Of course in addition you could attach a Black Box power switch so you have the ability to repower anything onsite.

The Secure Device Server keeps out unauthorised users by authenticating dial-up connections with RADIUS and PAP/CHAP. Use the server's IP filtering functions to establish access policies based on the network addresses. You can even disable dial-in, routing and RAS for certain users or addresses.

Specifications

Protocolls — IPV4, IPV6, TCP/IP, R-SSH, SSH, SSL, CIDR, RIPV2/MD5, ARP, RARP, UDP, UDP Multicast, ICMP, BOOTP, DHCP, TFTP, SNTP, Telnet™, Raw, Reverse Telnet, LPD, RCP, ^ DNS, WINS, HTTP, HTTPS, SMTP, SNMPV3, PPP, PAP/CHAP, SLIP, CSLI

Connectors —
All: (1) RJ45 10/100Mbps Ethernet;
LEE9011E: (1) RJ11 V.92/V.90 modem port, (1) RJ45 (10-position) RS232/RS422/RS485 (software selectable);
LES5014A-EU: (1) RJ45 (10-position) RS232/RS422/RS485 (software selectable);
LEE9042E: (2) RJ45 (10-position) RS232/RS422/RS485 (software selectable);
LEE9044E: (4) RJ45 (10-position) RS232/RS422/RS485 (software selectable)

Power — 100–240 VAC, 50–60 Hz, external
Size — LEE9011E, LES5014A-EU, LEE9042E: 9H x 6.4W x 2.3D cm; LEE9044E: 11.3H x 8.1W x 2.8D cm
Operating Temeprature — 0° to 55º C

Ordering information

ITEM . . . . **CODE**

Secure Device Servers with RAS/PPP functionality . . . .
1-Port LES5014A-EU
2-Port LEE9042E
4-Port LEE9044E

Secure Device Servers with RAS/PPP functionality and integrated Analogue 56 V92 modem . . . .
1-Port LEE9011E

DIN-Rail Mounting Sets . . . .
for 1-Port and 2-Port models LEE9011E-DIN
for 4-Port model LEE9044E-DIN

Adapter . . . .
RJ45 (10-pos.) to DB25 F LEE9000-DB25F
RJ45 (10-pos.) to DB9 F LEE9000-DB9F
RJ45 (10-pos.) to DB25 M (modem) LEE9000-DB25M
Cable for Sun/Cisco connections, 3m LEE9000-SUN

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