Remote Console Port + Remote Power Manager

Remotely manage six RS-232 ports and four power connections.

FEATURES

» Supports local or remote console port switching for up to six network devices.
» Includes remote power management and control for up to four network devices.
» Reboot servers, routers, Web cams, firewalls, and other remote devices.
» Access by using a Web browser over any TCP/IP network—even the Internet.
» Or, bypass the network with dialup access to remote consoles or direct serial connection to local consoles.
» In-band or out-of-band network management.
» Uses an embedded validated FIPS 140-2 cryptographic module.

Remote Console Port + Remote Power Manager (SW549A-R2)

RS-232 Cables

Ethernet Connection
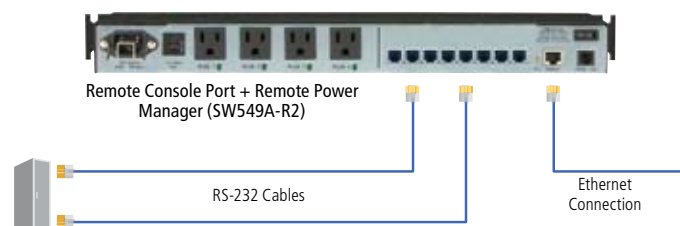
OVERVIEW

The Remote Console Port + Remote Power Manager is a six-port console server that also incorporates a power manager so you can reset power to as many as four network devices. It operates in-band over any TCP/IP network such as your internal Ethernet network or the Internet, as well as out-of-band via the integral 33.6-kbps modem or a direct serial connection.

A full-featured console server.

The manager provides secure access to as many as six console ports so you can access remote devices for management functions such as changing configuration, connecting users to restricted ports, and collecting data.

There are two separate user interfaces: the Web browser interface and the text interface. The Web browser interface enables you to contact the manager over any TCP/IP network, using a standard, JavaScript® enabled Web browser. You can even access it across the Internet and manage your network devices from anywhere in the world!

The text interface consists of a series of ASCII text menus that you can access via a Telnet™ login over a TCP/IP network, a modem, or a direct serial connection from one of the manager's serial ports to a PC. Any of the manager's serial ports can be used as an inbound connection to access any other port. The manager supports up to four simultaneous Telnet sessions.

You can access each of the six RS-232 ports individually by number, name, or group. Configure ports using simple, menu-driven commands to set passwords, data rates, parity, flow control, and many other operating parameters. Configuration and Status screens display port parameters and connection activity for one or all ports.

A power manager, too.

Never again make that late-night trip just to flick a power switch off and on. The Remote Console Port + Remote Power Manager enables you to reboot equipment remotely across the Internet. Access the integral power manager the same way you access a console server—across a TCP/IP network, by modem, or by direct serial connection.

You can assign each of the four AC power outlets plug names and view plug status via easy-to-use commands. Outlets can be individually switched on, off, or booted using plug numbers or names. For power sequencing, you can assign each plug a power-up time to wait before turning on the next plug.

Top-flight security.

The manager supports supervisor-level passwords that allow access to all configuration and switching functions, and non-supervisor passwords which restrict access to assigned plugs and ports and can't be used to change unit configuration. You can define passwords for up to 32 users.

Each menu-defined password can be assigned an individual user name for easy reference and an optional dialback number, which instructs the unit to call the user at a predefined number before allowing access.

Buffer mode.

The manager stores the last 32K of data through each port in its flash memory. Use this data for management—for instance, to see alarms sent while you're not connected. You can view, save, or erase buffered data at any time.

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TECH SPECS

Coding — 7/8 bits, even/odd/none parity, 1 or 2 stop bits
Compliance — UL®, cUL, FCC Class A, RoHS compliant
Data Rate — 300 bps to 115,200 bps
Flow Control — X-ON/X-OFF, RTS/CTS, Both, None
Memory — 256 K per RS-232 port
Operation — Timeout: No activity disconnects;
    Port/modem session: None, 2, 5, 15, or 30 minutes;
    Breaks: Pass break or inhibit break
Passwords — (16) characters (case-sensitive)
Port Names — (16) characters
Site ID — 32 characters
User Controls — (1) Power I/O switch
CE Approval — SW549AE-R2 only
Interface — Network port: Ethernet 10/100BASE-T;
    User ports: RS-232 DTE
Connectors — Phone line: (1) RJ-45;
    10/100BASE-T network: (1) RJ-45;
    RS-232: (8) RJ-45 (DTE);
    Power input: (1) IEC-320-C14;
    Power output: SW549A-R2: (4) NEMA 5–15P;
        SW549AE-R2: (4) IEC-320-C13
Indicators — LEDs: (1) Power On, (1) Ready, (1) Data Carrier, (1) Network
    Activity, (6) Data Activity (1–6), (4) Plug On/Off (1–4)
Temperature Tolerance — Operating: 32 to 122°F (0 to 50°C)
Relative Humidity — 10 to 90%
Power — SW549A-R2: Input: 100–120 VAC, 50/60 Hz, 15 amps total;
    Output: 15 amps maximum;
    SW549AE-R2: Input: 208–240 VAC, 50/60 Hz, 10 amps total;
    Output: 10 amps maximum
Size — 1.75"H (1U) x 17"W x 6.5"D (4.5 x 43.2 x 16.5 cm)
Shipping Weight — 8 lb. (3.6 kg)

SW549A-R2: top: front view;
bottom: rear view

What's included

✦ Remote Console Port + Remote Power Manager
✦ (1) 100–120-VAC power cord (for SW549A-R2) or
   208–240-VAC power supply (for SW549AE-R2)
✦ Rackmounting brackets
✦ A user's manual

Item	Code
Remote Console Port + Remote Power Manager	
100–120 VAC	**SW549A-R2**
208–240 VAC	**SW549AE-R2**

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

• You wait more than 30 minutes to get through to a vendor's tech support.

• The so-called "tech" can't help you or gives you the wrong answer.

• You don't have a purchase order number and the tech refuses to help you.

• It's 9 p.m. and you need help, but your vendor's tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

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