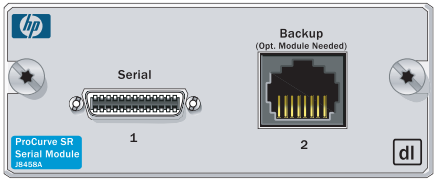
Quick Start Guide

ProCurve Secure Router dl 1xSerial Module

J8458A

5991-2102

ProCurve Networking
HP Innovation



Specifications

Operating Mode	DTE only
Serial Interface	Supported Standards: ISO 4903 (X.21), CCITT V.35 Synchronous (V.35) Provides V.35 or X.21 (V.11) electrical interface Connector: 26-Pin Smart Serial (DTE)
Compliance	FCC Part 15 Class A, EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3 ETSI TBR 1, ETSI TBR 2 EN 60950, UL/CUL 60950, AS/NZS 60950, IEC 60950
Physical	Dimensions: 6.99 cm (2.75 in) W x 10.80 cm (4.25 in) D Operating Temperature: 0°C to 50°C (32°F to 122°F) Relative Humidity: Up to 95 percent, noncondensing at 30°C (86°F) Non-Operating Temperature: -20°C to 70°C (-4°F to 158°F) Non-Operating Relative Humidity: Up to 95 percent, noncondensing at 30°C (86°F) Altitude: Up to 3.05 km (10,000 ft)

Installation Instructions

1. Remove the power from the unit.
2. Slide the option module into the option slot until the module is firmly seated against the chassis.
3. Secure the screws at both edges of the module.
4. Connect the cables to the associated device(s).
5. Complete installation of the base unit.
6. Restore power to the unit.

Note *For safety information for the routers and all modules, please refer to the safety and ESD precautions in the* ***ProCurve Secure Router Installation Guide*** *included in your router shipment.*

Note *An optional backup module is required for backup applications.*

For a description of the backup connection pinouts, refer to the Quick Start Guide included with your backup module

Serial to V.35 and X.21 Cables Connection Pinout

Serial Pin	V.35 Pin	X.21 Pin	Name
1	P	2	TD_A
2	U	N/A	ETC_A
3	Y	N/A	TCLK_A
4	V	6	RCLK_A
5	R	4	RD_A
6	F	N/A	DCD_A
7	H	N/A	DTR_A
8	C	3	RTS_A
9	N/A	10	RTS_B (V.11 only)
10	N/A	12	CTS_B (V.11 only)
11	D	5	CTS_A
12	E	N/A	DSR_A
13	K	N/A	TM_A
14	S	9	TD_B
15	W	N/A	ETC_B
16	AA	N/A	TCLK_B
17	X	13	RCLK_B
18	T	11	RD_B
19	N/A	N/A	Unused
20	N/A	N/A	Unused
21	N/A	N/A	Unused
22	N/A	N/A	Unused
23	N/A	N/A	Unused
24	N/A	N/A	Unused
25	N/A	N/A	Unused
26	B	8	Ground

ProCurve Secure Router dl 1xSerial Module J8458A

1xSerial Module Commands

description <*text*>

Comment line to provide an identifier for this interface (for example, circuit ID, contact information, etc.).

<*text*> Shows up to 80 alphanumeric characters.

et-clock-source [rxclock | txclock*]

Configures the clock source used when creating the external transmit reference clock (et-clock). Use the **no** form of this command to return to the default value.

rxclock Uses the clock recovered from the receive signal to generate et-clock.

txclock* Uses the clock recovered from the transmit signal to generate et-clock.

ignore dcd

Specifies the behavior of the serial interface when the Data Carrier Detect (DCD) signal is lost. When configured to follow DCD (default condition), the serial interface will not attempt to establish a connection when DCD is not present. When configured to ignore DCD, the serial interface will continue to attempt to establish a connection even when DCD is not present. Use the **no** form of this command to return to the default value (follow DCD).

invert etclock

Configures the serial interface to invert the external transmit reference clock (et-clock) in the data stream before transmitting. Use the **no** form of this command to return to the default value (non-inverted et-clock).

invert rxclock

Configures the serial interface to expect an inverted receive clock (found in the received data stream). Use the **no** form of this command to return to the default value (non-inverted receive clock).

invert txclock

Configures the serial interface to invert the transmit clock (found in the transmitted data stream) before sending the signal. Use the **no** form of this command to return to the default value (non-inverted transmit clock).

serial-mode [v35* | x21]

Specifies the electrical mode for the interface. All modes require the use of the appropriate cable: V.35 (J8757A), or X.21 (J8755A).

shutdown

Disables the interface (both physical and virtual) so that no data will be passed through. Use the **no** form of this command to turn on the interface and allow it to pass data. By default, all interfaces are disabled.

snmp trap link-status

Controls the SNMP variable, *ifLinkUpDownTrapEnable* (RFC2863) to enable the interface to send SNMP traps when there is an interface status change. Use the **no** form of this command to disable this trap.

*** Indicates default values.**

Note *This command list is an illustration of available commands. For complete command descriptions and default values, refer to the* ***SROS Command Line Interface Reference Guide*** *provided on your ProCurve SROS Documentation CD.*

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