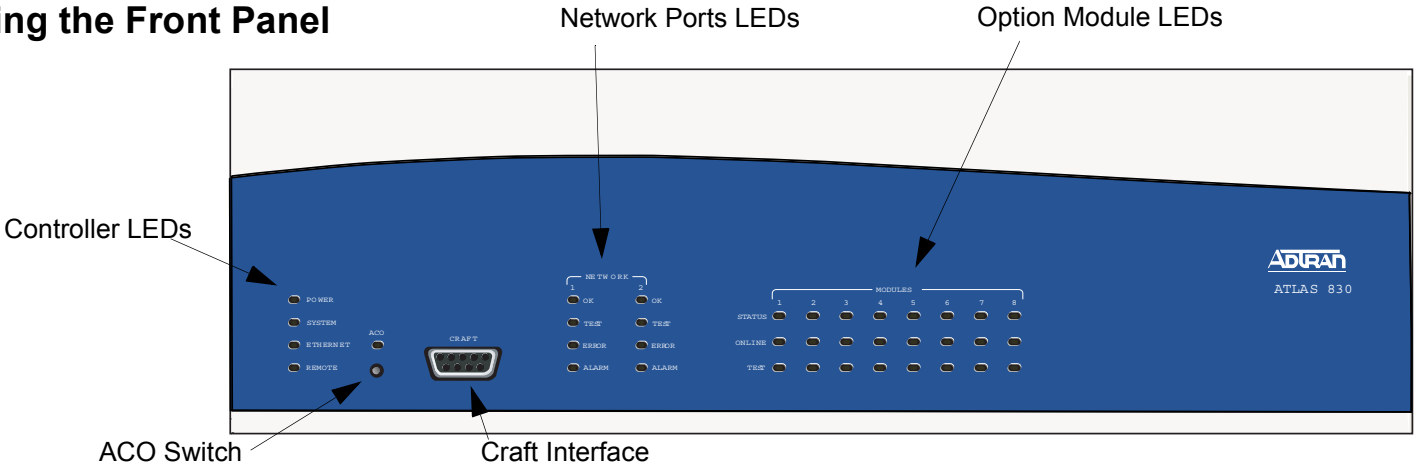
ADTRAN
Quick Start Guide

ATLAS 830

P/N 1200780L1 (AC)/1200781L1 (DC)

Reviewing the Front Panel



Connecting to the ATLAS 830

Connecting a VT100 terminal (or VT100 terminal emulator) to the **CRAFT** interface (on the front panel of the unit) or the **ADMIN** interface (on the rear panel of the unit) allows access to the terminal menus and management features of the ATLAS 830.

Perform Steps Below in the Order Listed:

1. Configure a VT100 terminal (or terminal emulation software) with the following settings:

Data Rate:	9600 baud	Stop Bits:	1
Data Bits:	8	Flow Control:	None
Parity Bits:	None		

   If the terminal has a parallel setting, disable it and use serial.

2. Connect the DB-9 male end of the data cable into the ATLAS 830 **CRAFT** or **ADMIN** port. Make the connection to the VT100 terminal as appropriate for your connection.
3. Initiate a terminal session and the **LOGIN** screen displays. The default password is **password**. (Passwords in the ATLAS 830 are case sensitive.)

Craft Pinout

PIN	NAME	DESCRIPTION
1, 4, 6-9	N/A	Not Connected
2	RD	Receive Data (output)
3	TD	Transmit Data (input)
5	SG	Signal Ground

System Status LEDs

The System Status LEDs display the status of the power supply, controller, and other system parameters for the ATLAS 830. For a more detailed discussion of the front panel LEDs, refer to Section 2, Engineering Guidelines, of the ATLAS 830 System Manual.

LED	Description
Power	Indicates the status of the power supply
System	Indicates the status of the unit controller and other system parameters.
Ethernet	Indicates the status of the ethernet port.
Remote	Indicates whether a user (Telnet or VT100) is logged in to the unit.

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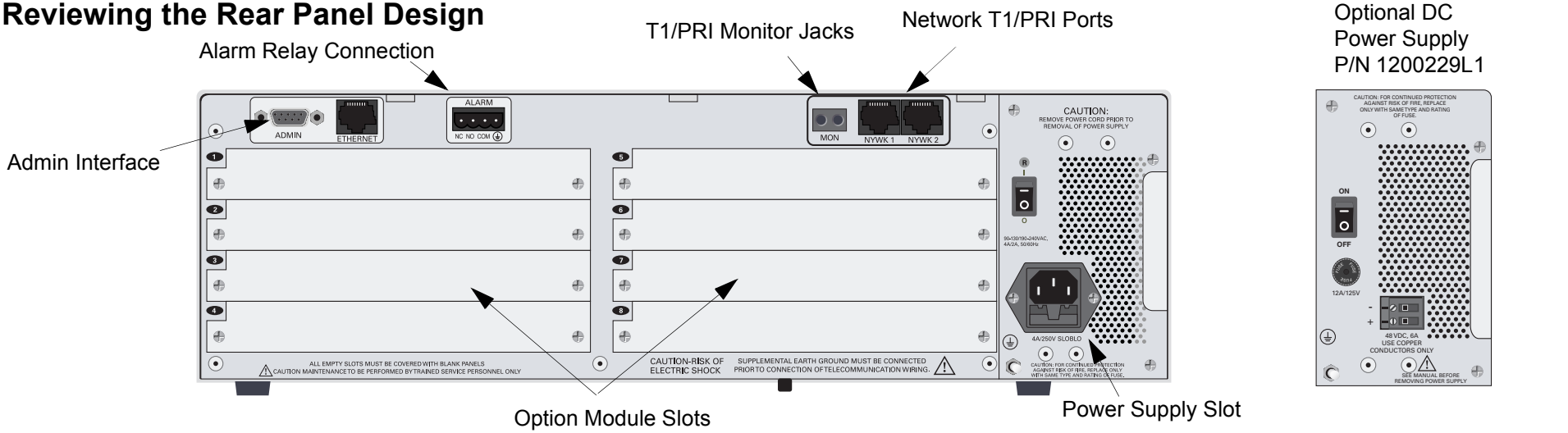
Reviewing the Rear Panel Design



Admin Pinout

PIN	NAME	DESCRIPTION
1	DCD	Data Carrier Detect (output)
2	RD	Receive Data (output)
3	TD	Transmit Data (input)
4	DTR	Data Terminal Ready (input)
5	SG	Signal Ground
6	DSR	Data Set Ready (output) -- not connected
7	RTS	Request to Send (input)
8	CTS	Clear to Send (output)
9	RI	Ring Indicate (output) -- not connected

10/100BaseT Ethernet Pinout

PIN	NAME	DESCRIPTION
1	TX1	Transmit Positive
2	TX2	Transmit Negative
3	RX1	Receive Positive
4,5	—	Unused
6	RX2	Receive Negative
7, 8	—	Unused

Alarm Relay Connection Pinout

PIN	NAME	DESCRIPTION
1	Normaly Closed (NC)	Opens when a selected alarm condition is present.
2	Normally Open (NO)	Closes when a selected alarm condition is present.
3	Common (COM)	Common connection between external circuitry and NC or NO terminal.
4	Chassis Ground (GND)	

DC Power Supply Connection (Optional P/N 1200229L1)

PIN	NAME	DESCRIPTION
1	+	Ground (GND)
2	-	-48VDC