

# TELSEC® 800

*for Monitoring, Control & Network Surveillance of Legacy Cabinets*



**POWER & BATTERY  
CAPACITY MONITORING**



**ENVIRONMENTAL ALARM  
MONITORING & CONTROL**



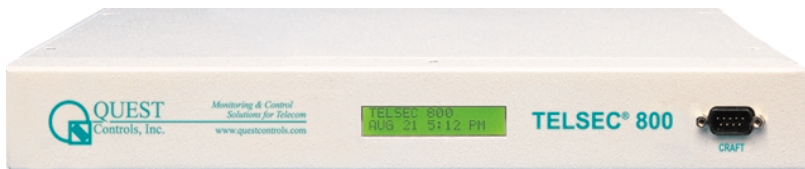
**DOOR ACCESS  
CONTROL**



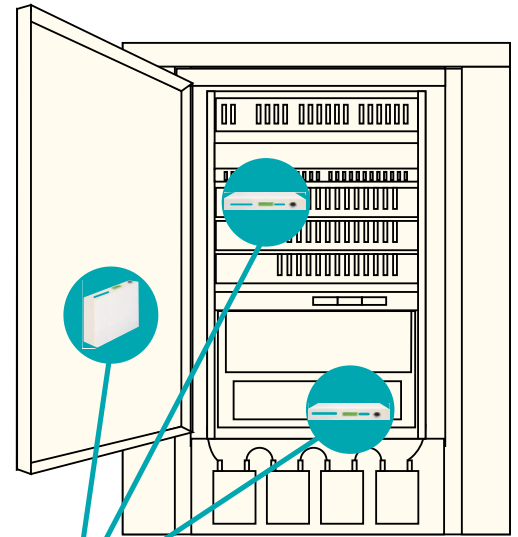
**TELEPHONY EQUIPMENT  
MONITORING**



**4 PORT PPP/ASync  
SERIAL BRIDGE**



**TELSEC® 800 (rack and door mountable)**



**TELSEC® 800 versatile package fits  
in multiple locations in a cabinet**

**The TELSEC® 800 provides an integrated, low cost surveillance solution to monitor environmental equipment, power/battery alarms, and door access control in the remote cabinet:**

- Installs in remote cabinets and customer prem sites: both new construction and legacy equipment.
- Performs all controlling, monitoring, and communication functions in a single product.
- Provides critical **visibility** to the remote site through 2-way communications.
- Enables remote interrogation of temperature, float voltage, other analog sensors, and alarm and point logs from any alarm and/or maintenance center.
- Provides intelligent alarming for easier alarm interpretation, dispatch, and consistency across multiple sites, and avoids redundant alarms for the same problem.
- Compact, versatile package operates with a standard control program or can be customized to meet your requirements.
- Delivers critical battery monitoring information during discharge: predicted battery capacity and time remaining until low voltage disconnect.

**Acting as your smart eyes and ears at the remote cabinet, the TELSEC® delivers large savings and quick payback by:**

- Reducing visits to remote cabinet sites from false or non-descriptive alarms, or changing access codes/keys.
- Eliminating downtime by acting as an early warning system.
- Reducing capital expenditures by combining alarming and access control functions.
- Extending the life of critical operating equipment including batteries and telephony equipment.

## TELSEC® 800 Features:

- Battery monitoring: predicts battery capacity and time remaining during discharge using Telcordia Algorithm.
- Alarms transported by 2-way communications via choice of modem, Ethernet, or RS232 connections, or 1-way via contact closures.
- TCP/IP over Ethernet Connectivity.
- Card access control with 1000 cards per system.
- Intrusion alarming.
- Local backlit LCD display presents active alarms and analog values.
- Built-in craft port supports local serial communications.
- Supports alarm phone numbers for calls to PCs, pagers, and printers.
- 5 password levels, up to 50 passwords.
- Non-volatile Flash memory prevents program loss and stores program upgrades sent remotely.
- Mount in 19" or 23" rack or on cabinet door.

**Power and Battery  
Capacity Monitoring**

**TL1 Alarm  
Messaging over TCP/IP**

**Low Cost, Integrated  
Surveillance Solution**

**Compact Design for Rack  
or Cabinet Door Mounting**

**3 Year Warranty**

### Specifications

<i>Part Number</i>	150679	<i>PID/SSI Number</i>	700254803	<i>Material ID Number</i>	11000364
<i>Mounting</i>	Rack mount 19" or 23", or on cabinet door				
<i>Inputs</i>	8 universal inputs: analog (0-5VDC or 0-20mA), dry contact closure or wet contact (3-75VDC)				
<i>Outputs</i>	8 Normally Open (NO), 1 amp at 30VDC, 0.3 amps at 60VDC, 0.5 amps at 125VAC				
<i>Display</i>	32-character backlit LCD Display				
<i>Card Access</i>	Supports industry standard Wiegand format, proximity or swipe card readers. Up to 1000 cards can be programmed per site. Logs 500 most recent events				
<i>Power</i>	±18 to 65VDC, 0.5 amps. Optional 110VAC/220VAC, 60Hz, 0.5 amp				
<i>Serial Port (2)</i> <i>Serial Port (option)</i>	Two db9 RS232 ports. Supports asynchronous communications. Programmable for baud rate, parity, and bit format. RJ45 port used to provide RS232 asynchronous communications for remote connectivity from an external device through the TELSEC®. The port is programmable for baud rate, parity and bit format				
<i>Modem (option)</i>	Supports industry standard Modems with error correction and data compression. Dial-up modem using RJ11 connector				
<i>Network Interface (option)</i> <i>Dial-up PPP</i>  <i>LAN</i>	TCP/IP Provides TCP/IP connectivity over PPP via analog modem for the TELSEC® 800 and three additional RS232 asynchronous ports for connecting external devices that require remote connectivity over the PPP interface. Ethernet 10baseT with RJ45 connector				
<i>Logging</i>	Logs all inputs, outputs, and alarms, up to 8000 points				
<i>Software</i>	Supports any off-the-shelf terminal communication software (e.g. Procomm®, Hyperterminal®)				
<i>I/O Terminals</i>	A single 50 PIN Amphenol connector for outputs, discrete and analog inputs. Supports 2 wire (tip and ring), connections for each point using 25 pair cable				
<i>Battery</i>	Long life lithium: 10 year shelf life, 1.5 years under load				
<i>Temp sensor accuracy</i>	±0.5°C (±1°F), temp sensor standard				
<i>Ambient operating range</i>	-20 to 180° F (-29 to 82° C), 0-95% RH Non-condensing				
<i>Certification</i>	NEBS Level III compliant; UL				
<i>Dimensions</i>	1.75"H x 9.5"D x 13.25"W (45mm H x 241mm D x 337mm W)				
<i>Weight</i>	4 lbs (1.81 kg)				
<i>Warranty</i>	3 years				

Specifications subject to change without notice



Monitoring & Control  
Solutions for Telecom

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