

Poll-Safe™ PS635



FEATURES

- Modem polling or direct connection
- 2400bps or optional 33.6Kbps internal modem
- 256K and 512K memory sizes
- Xmodem transfer protocol and compressed Binary Block protocol options
- 3:1 data compression
- Battery backup of data
- Settings stored in flash memory for instant retrieval
- Firmware upgradable via modem without interrupting service
- 24X7 lockup protection
- Simple Command Set

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When you need to reliably poll SMDR or CDR data from remote sites with low-to-medium call volume for their SMDR, you need the Poll-Safe PS635.

The Poll-Safe PS635 is an economical, pollable buffer which is compatible with your existing application. The PS635 offers data collection and storage capabilities with battery backup and an internal 2400 baud modem, standard with every unit.

The PS635 design includes power filter and watchdog protection circuitry to guard against power spikes and monitor for correct CPU operation. In the event that a power loss or spike causes a crash, the watchdog system will reset the PS635 without losing any stored data.

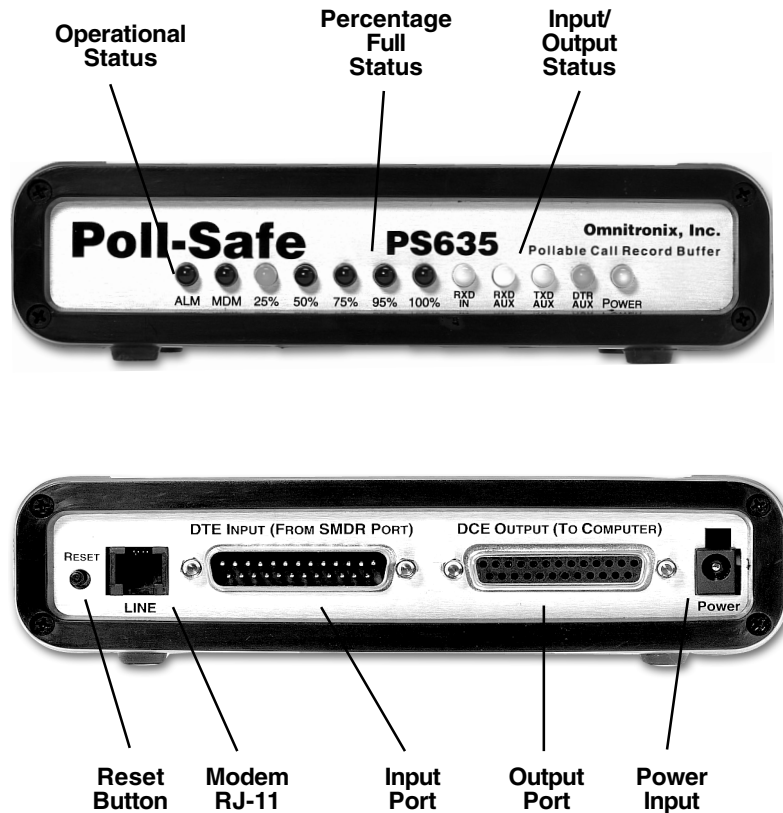
PS635 firmware is stored in Flash ROM. This allows new features and updates to be uploaded via modem without taking the PS635 out of service. All programmable parameters and settings are also stored in Flash ROM, ensuring that the unit configuration will be maintained even after extended power loss or severe power spikes. A lithium backup system provides up to ten years of data retention in the event of power loss. Memory sizes from 256K to 512K are available.

Call 206-624-4985 today for more information or a free product evaluation. You can also browse the Omnitronix web site at www.omnitronix.com.

SPECIFICATIONS

- Dimensions: 1.75 x 6.75 x 6.25 inches (4.45 x 17.15 x 15.88 cm)
- Weight: 2 pounds (0.9 kg)
- Battery Type: Non-rechargeable lithium
- Battery Life: Minimum five years
- Memory Options: 256K or 512K
- Data Input Port: DB-25 DTE
- Data Output Port: DB-25 DCE
- RS-232 Baud Rates: 300 and 19200
- Internal Modem: 2400 bps or optional 33.6K, FCC/IC approved.
- Red LEDs: Power, Alm, Mdm, 25%, 50%, 75%, 95%, 100%
- Bi-Color LEDs: RXD In, RXD Out, TXD Out, DTR Out
- MTBF: >70,000 Hours calculated per Bellcore RPP
- Certification: FCC Part 15 Class A
- Power Supply: External Wall Mount, UL/CSA Approved
- Operating Temp: 32°F to 104°F (0°C to 40°C)
- Storage Temp: 4°F to 140°F (-20°C to 60°C)
- Relative Humidity: 10-80%, non-condensing.
- Warranty: 1 year parts and labor with 4 additional years available

FRONT & BACK PANEL LAYOUTS



MORE FEATURES

Modem Included: A 2400 baud internal modem is included standard with each PS635. An optional 33.6K baud modem is available.

Simple Command Set: The PS635 offers a simple set of commands that allow you to collect and poll data.

Memory Options: The PS635 is available in memory sizes of 256K or 512K. Data stored internally is compressed at an average 3:1 ratio to maximize call record storage.

Data Retention: The PS635 offers a lithium battery backup system that provides minimum of 5 years of data retention in the event of power loss.

Lockup Protection: The PS635 design includes power protection circuitry to guard against power spikes and monitor for correct CPU operation. In the event that a power loss or spike causes a crash, the 24X7 monitoring system will reset the PS635 without losing any stored data or configuration settings.

Hardware Configurable: Two DIP switch sets allow manual control of input and output baud rates and several other configuration options.

LED Indicators: Front panel LED indicators display power, percentage full, modem active, alarm alert, and input/output port transmit and receive status.

Field Updatable: The PS635 firmware is stored in Flash ROM. It allows new features and updates to be uploaded via modem without taking the PS635 out of service. All programmable parameters and settings of the PS635 are also stored in Flash ROM, ensuring that the unit configuration will be maintained even after extended power loss or spikes.

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