



SIP-CB for Mercury Instruments DC2000 System Users

Low Cost, Battery Operated, 4 channel Pulse Recorder w/Built-In Cellular Transceiver

The SIP-CB is the latest generation of Mercury Instruments time tested pulse recorder with ten's of thousands in operation on both gas and electric meters worldwide.

The SIP-CB retains the basic functionality of multi-channel, programmable interval pulse recording, while adding significant value in many areas that are key to the contemporary needs of those involved in energy measurement for billing, trading, load management, distribution engineering and custody transfer.

With data and alarm inputs, super long battery life, the ability to operate on any GSM cellular network and over-the-air programming, the SIP-CB provides the flexibility & functionality to support large deployments and operate them at the absolute lowest long-term cost.

SIP-CB Features and Benefits include:

- Multi-band GSM/GPRS digital cellular transceiver
- Packet switched (IP) or circuit switched (where available) connections
- DES based encryption for secure IP access
- Over-the-air (OTA) download of operating system and configuration
- Form A interval pulse recording on 4 channels or form C on 2 channels
- Interval sizes: 1, 5, 15, 30, 60 minute
- Configurable for more than 120 days of 60 minute non-volatile storage
- Reports event status of up to 4 user accessed digital inputs
- For maximum security, SIP-CB acts only as client and not as server
- PCT™ provides reliability by compensating for IP network characteristics
- Provides portability & overall lower installation costs
- Provides electrical isolation from network
- Requires Release 7.0 of Mercury Instruments DC2000 Data Collection & Management software



Specifications: (Subject to change without notice)

Power Options:

Lithium battery standard. Operating life up to 8 years depending on use. Low voltage DC optional. Please consult factory.

Physical:

Enclosure: polycarbonate, protected to IP65
Exterior dimensions: Approximately 6.5(16.5) x 9.5(24) x 2.0(5.0) in. (cm).
Weight: Approximately 3lbs. (1.3Kg)

Connections: Screw type terminal strips for Input & Outputs. Dual cable glands w/strain relief.

Environmental:

Operating Temp Range: -30 to +55 C
Operating Humidity to 90% non-condensing

Certifications:

PTCRB approved, Fully GSM Phase 2+ Compliant.
FCC part 15 (class B) and parts 22, 24
Certified by AT&T Wireless (Model GSM20)
ATEX certification for use in Zone 0 Hazardous Environments
CE mark