

DCM-200

Intelligent, Wireless Internet Gateway for AMR & Telemetry Applications

Combining low cost digital cellular service with the reach and efficiency of the internet, Metrotek now offers the DCM-200. The DCM-200 is a battery or mains powered digital cellular modem with a built-in transceiver. Pulses collected, digital alarm inputs, and/or ANSI C12.18 & .19 device RS232 serial data are transmitted over any commercially operated and supported GSM cellular network by either Circuit Switched Data (CSD) or General Packet Radio Service (GPRS) to Metrotek's DC2000 data collection, management & publishing system with TCP/IP connectivity (release 6.0 or greater).

DCM-200 Features and Benefits include:

- ◆ Integral tri-band digital cell phone & antenna.
- ◆ Operates on all GSM cellular networks.
- ◆ Supports high-speed data transfer using CSD or GPRS data services.
- ◆ Choice of cell phone service providers insures lowest operating cost.
- ◆ AC, solar or stand-alone battery-powered options
- ◆ Provides portability & overall lower installation costs
- ◆ Provides electrical isolation from network
- ◆ Lower equipment and communication costs

Specifications:

(subject to change without notice)

Power Options:

Battery Model: Secondary 6Vdc gel-cell for cellular power. Primary 6Vdc lantern dry cell w/charger for long-term capacity of approximately 24 months, depending on use (phone home operation only).

AC Mains Model: Requires 90-280Vac @0.02 amp source. Lithium cell provides 1 thousand or more outage notification sessions.

Solar Model: Consult with factory to determine size and ratings of solar panel and batteries.

Physical:

Battery and AC Models

Enclosure: Lexan rated NEMA-4X (IP54)

Exterior dimensions: Approximately 8(20.32) x 6(15.24) x 3(7.62) inches (cm).

Weight: Approximately 5lbs. (11Kg)

Pulse Inputs:

4 channels collection

4 alarm inputs



AC Mains Powered Model Shown

Connections: One each, bottom mounted cable glands pass input and AC wiring as required. Screw type terminal strips for internal connections.

Environmental:

Operating Temp Range: -30 to +70 C

Operating Humidity to 90% non-condensing

Certifications:

- Fully type approved, GSM Phase 2+ compliant.
- FCC part 15 (class B) and part 24
- CE mark
- UL listed AC Mains adapter