The **STRISON** Cell-Alert 2100 Wireless Internet Transceiver is a low-cost yet full-featured wireless telemetry solution for the **most demanding monitoring applications**. The unit is housed in a NEMA 4X stainless steel enclosure for reliable operation in the harshest environments. A variety of antennas are available to assure reliable communications.

The Cell-Alert 2100 transmits **digital** data in real time via the **existing North American cellular infrastructure** to the **STRISON Internet-based Operations Center**. The Center operates around the clock to receive data from transmitting units for processing, analysis, reporting and alarm notification.

Alarm events are **immediately** transmitted to pagers, cellular phones or other devices as desired by the customer. Back-up battery ensures **power fail alarm** transmission under any power loss.

Data reports are transmitted at regular intervals as desired by the customer. Customers can access **summary and detail data for all sites** through the secure **STRISON** web site, and have summary reports automatically e-mailed to them. Sophisticated measuring, timing and alarm algorithms programmed in the Cell-Alert 2100 make it the best solution to all your monitoring needs.
GENERAL INFORMATION

The Cell-Alert 2100 Remote Transmitting Unit provides essential monitoring solutions for the most demanding applications. Four analog/digital inputs and one pulse/digital input are easily configured to monitor pumps, levels, flows and currents. The optional hand-held Field Terminal with keyboard provides convenient display of and access to current values and configuration parameters for installation and maintenance operations.

The Cell-Alert 2100 is designed for installation in the harshest environmental conditions. Years of field experience show the Cell-Alert 2100 to perform reliably through adverse weather including hurricanes, ice storms, severe electrical storms and conditions of high temperature and humidity. Extensive design and packaging precautions make the Cell-Alert 2100 immune to RFI (radio frequency interference) and EMI (electromagnetic interference), and the NEMA 4X SS enclosure provides maximum protection from the elements. A wide variety of sensors are available to monitor turbidity, chlorine, pressures, temperatures, humidity, weather data, levels and flows.

The input flexibility of each channel of the Cell-Alert 2100 ensures that all critical functions are monitored for virtually any application.

SPECIFICATIONS

- **Power Requirements** ............ 12 VDC (±10%) @ 1.5 A
- **Power Consumption** ............ 15.6 Watts (Transmitting)
  1.62 Watts (Stand-by Mode)
  36 microWatts (Sleep mode)
- **Power Sources** .................. Power Supplies PS-201, PS-202
  or AC Relay Interface Type
  ACR-201 (85-265VAC, 50-60Hz); solar power
- **Mechanical** ...................... 3.875" (98.4mm) Deep
  7.25" (184.2mm) Wide
  11.125" (282.6mm) High
  6.0 lbs. (2.72 kg)
- **Environmental** ................. -30°C to 60°C Operating
  -50°C to 110°C Storage
  5% to 95% RH non-cond.
  IP65 (NEMA 4X) SS enclosure
- **Inputs** ........................... 4 Analog/Digital Inputs 0-5 or
  0-15 VDC, 4-20mADC jumper
  selectable ranges, digital/pulse
  input (also active in sleep mode)
- **Serial Interface** ................. RS-232C/TTL