AirioMCU
Wireless Cellular Monitoring & Control

- Real time Condition Monitoring of ANY Remote Asset
- GSM/GPRS COMMS
  Anywhere you can use a cell phone, you can monitor and control
- FLEXIBLE IO OPTIONS
  Analog & Digital IO for easy connections to any signal type
- TEXT/EMAIL MESSAGING
  Real time messaging to multiple cell phones or emails of your choice
- PROGRAMMABLE LOGIC
  Powerful Logic controls what actions to take, on what conditions
- WEB BROWSER INTERFACE
  Easy Web-based monitoring and configuration
- WATCHDOG TIMER
  On board controller ensures reliable and continuous operation
- INDUSTRIAL DESIGN
  High-density, industrial DIN-rail design, with multiple packaging options
- 12VDC POWER
  Allows flexible DC, Solar or Battery power options

- WIRELESS REMOTE MONITORING OF ANY CONDITION
- ANYTIME, ANYWHERE GLOBAL CONNECTIVITY
- ON DEMAND DATA ACQUISITION AND CONTROL
- NO COMPLEX SOFTWARE OR DATA CENTERS REQUIRED
- NO POWER OR PHONE LINES REQUIRED

www.ioselect.com
The AirioMCU Wireless Monitor from ioSelect ensures that you always receive important process variable information or alarm notification from any device, anytime or anywhere, even when power and phone lines are not available. The heart of the AirioMCU system lies in its integrated GSM/GPRS cellular interface and microprocessor controlled I/O. This truly makes for a flexible product that works in a number of applications. The unit can send pre-programmed text messages or real time process values to any one (or number of) cell phone numbers around the world -- for instant notification of alarms, or timed-based notification of an alarm or timed event. This information can be sent as an SMS Text message, email, or data string to a PC/PLC/SCADA system. From simple to complex applications: the AirioMCU can easily adapt to the specific requirements.

**Typical Packaging Options**

- **DIN Mount Enclosure**
  When existing enclosures and power are available on site, the standard AirioMCU with its DIN-rail mounting is all the packaging that's required.

- **Weatherproof Enclosure**
  When a weatherproof enclosure is required, the Airio-ENC-01 gives you an easy-to-mount plastic housing with a window door for easy viewing of status LEDs.

- **Solar Powered Options**
  In applications where power is not readily available, the AirioMCU can easily be fitted with a complete solar kit for stand alone operation.

**Typical Application Areas**

- Water/Wastewater
- Power/Utilities
- Automotive
- Pharmaceutical
- Chemical, Oil, & Gas
- Environmental
- Semiconductor
- Machine Builders
- Food & Beverage
- Building Automation

**Ordering Information**

- Airio-MCU-2 Airio Wireless GSM/GPRS Monitor/Controller
- Airio-ANT-ENC01 Airio Enclosure Mount Antenna
- Airio-ANT-EXT-01 Airio External Mount Antenna
- Airio-SIM-SMS Airio SIM Card, Unlimited SMS, 1 year activation
- Airio-SIM-GPRS Airio SIM Card, Unlimited GPRS, 1 year activation
- Airio-ENCL-01 Airio Weatherproof Enclosure
- Airio-ENCL-SLR Airio Solar Power Kit w/ Enclosure

For more technical information and application examples, contact ioSelect at (858) 537-2060, or visit www.ioselect.com/airiomcu