Remote Control Technology
Simple Wireless Solutions

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www.remotecontroltech.com

Applications Include: Pumps, Valves, Relays, Conveyors, Grain Augers, Alarm Systems, PLC Activation, Stackers, Automation

Wireless Data Controller part #: 3104

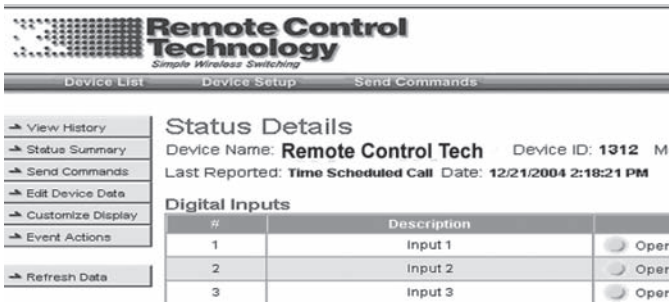
The Wireless Data Controller (WDC) is a Web-to-wireless supervisory control and data acquisition device designed to directly monitor up to 10 digital inputs, which can be dry contacts or 120 VAC. The WDC can also monitor up to three analog inputs and has three remote control relays. Applications can be monitored in near real-time, application status can be evaluated, and if required, corrective action can be implemented right from any Web browser. The WDC automates any application as well as sending critical status alerts to any Web or text-enabled device such as a cell phone, PDA, laptop computer, desktop computer or pager. You can maintain complete situational awareness with critical reports such as power outages, low battery levels, and output status. The WDC includes an integrated cellular modem that communicates over the North American cellular data network's control channel. This MicroBurst© based radio can be installed anywhere there is analog or digital cellular coverage.

- Monitor Hardware
- Command Control
- Emergency Notification
- Environmental Monitoring
- Ultra-Long Range Process Control
- Tank Level, Flow Rate, Temperature
- PLC Activation
- Oil Fields
- Wireless Automation

Operation and Installation

Installation is simple: configure the inputs/outputs as described in the installation guide and apply power. Once power is applied, the WDC will automatically establish two-way communications over the public cellular network. Simply log onto a custom, private Web page to monitor your system from anywhere in the world. Airtime billing can be configured for monthly, bi-monthly, or annually at www.remotecontroltech.com.

Solar Panel Kits: Turnkey, 12 VDC solar panel kits are available for locations without electricity.

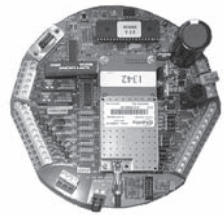


Monitor Hardware: View the last reported status of your equipment, temperature, pressure, fuel levels, water output and switch positions.
Command & Control: Send commands to turn on pumps, shut off valves or shut down the system in near real-time. Data requires only seconds to transmit to (or from) the WDC.
Emergency Notification: Configure selected events to trigger an immediate user notification by voice phone, pager, text messaging or e-mail.
Customizable screen headers: Configure the Web server to reflect your industry or application with simple customization.

Cellular Data Transceiver Specifications

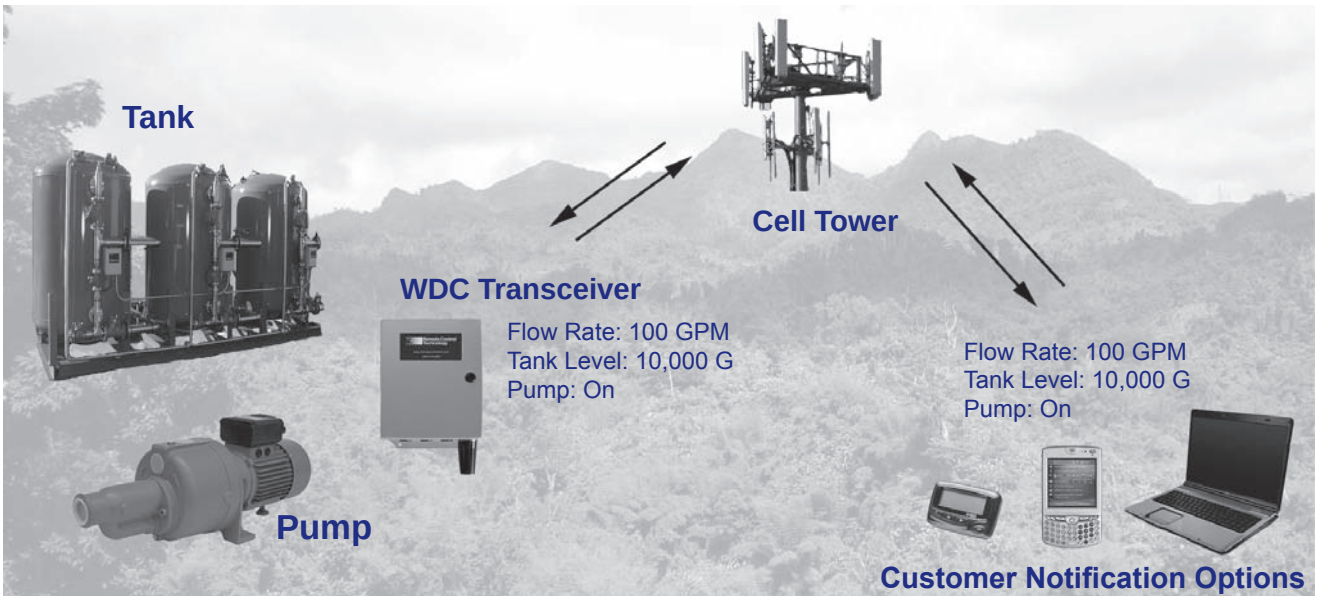
Power Requirements	Supply Power: 120 VAC to 15 VDC Optional 12 & 24 VDC configurations 0.8 amp hour back-up battery
Data Network	Two-Way Analog/Digital Cellular Modem (Works virtually anywhere there is cellular coverage in North America) Transmit Power: 0.6 to 1.2 watts Frequency: 824 - 849 MHz
Inputs / Outputs	10 Digital (On/Off) Inputs: dry contact or 120 VAC 3 Analog Inputs: 4 - 20 mA 3 Relay Outputs: 8 amps @ 250 VAC Contact Rating
Operating Environment	-22 Degrees to 158 Degrees F (-30 to 70 Degrees C) NEMA 4X enclosure rating

Other input/output configurations are available. Contact Remote Control Technology for more information



Includes:
- Cellular data transceiver
- NEMA 4X powder-coated steel enclosure
- One hour of custom Web page setup time to monitor inputs and control outputs through the Internet

Control and monitor your devices from virtually anywhere in the world!



- Send alarms for low fuel, open doors, emergency conditions, etc.
- Monitor oil pressure, water temperature, battery voltage, etc.
- Control motors, pumps, fans, etc.
- Receive emergency notifications on a PDA, cell phone, PC, or other Web-enabled devices.
- Satellite version available for locations without cell phone coverage in North America.
- Performance backed by a one-year warranty.
- Includes 10 digital inputs, 3 analog data inputs, and 3 relay outputs for traditional control and monitoring (pictured) or Modbus connectivity for other intelligent electronic devices.