



RDP180-C Cellular RTU

Cellular SCADA Solutions



Cellular-Based

Simple, effective & low cost solution for cellular-based remote monitoring & control. Secure (private tunnel) cellular networks provided by Verizon utilized to deliver data & alarms 24/7/365. Alarm conditions reported immediately via email, phone &/or text. Historical data collected & stored for reporting, trending & analysis.



Simple & Web-Based

Built for longevity & to resist obsolescence, systems are expandable & backwards compatible, accommodating system evolution.



Own Your Data

Hyper SCADA Server & HT4 SCADA Software program are securely located on site. Data is collected & stored at your facility, making it easily accessible on site, over internal networks &/or remotely via Internet. Server incorporates SQL database for compatibility with any 3rd party ODBC interface. Software includes default screens, canned reports, data trending, alarm auto-dialer & much more.



Robust Reporting & Analytics

System HMI utilizes a familiar Internet browser with a graphical representation of status, alarm conditions & pre-configured reports, allowing analysis of activity & performance of monitored equipment. Reports gather & filter information based on user-adjustable parameters & present data in a meaningful form. A built-in trend viewer provides an additional examination tool.



Mobile Access

Designed to simplify installation by end-user. Minimal electrical experience necessary. I/O points prewired to terminal hardware & numbered wires. End-user simply supplies 120VAC RTU power & appropriate voltage from monitored/controlled equipment. (Installation services are available for an additional fee.)

MOBILE ACCESS

HT4 Mobile program included at no-charge. Mobile requires secure Internet connection & provides access to data anywhere from a smartphone.

Alarm conditions sent via system alarm auto-dialer or email alert. Field personnel use smartphones to securely log in, acknowledge alarm & investigate cause. Active alarm indicator displayed at top of every mobile screen.

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verizon

Partner Program—Member

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BASE MODEL SPECIFICATIONS

Enclosure:

- W 15.50" x H 13.28" x D 7.69"
- NEMA 4X Rated Non-Metallic
- Hinged with Locking Hasp

Input / Output Schedule:

- (1) RTU Power Monitor (Interposing Relay)
- (8) Discrete Input (Interposing Relay)
- (2) Discrete Output (Dry Contacts)
- (1) Analog Input (0-5VDC or 4-20A)

Interposing Relay Options:

- 120V AC, 24V AC/DC, or 12V DC

Supply Power:

- 120VAC (Includes 10A breaker)

Integrated UPS:

- 1.2Ah Backup Battery

Temperature:

- 32° to 140° F (0° to 60° C)

Standard Antenna:

- Laird TRAB821/18503P
- (weak signal may require upgrade)
- Product Warranty:
- Three (3) Years—Parts and Workmanship
- Cellular Network
- Private Tunnel by Verizon Wireless

*Contact factory for I/O expansion options

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