

# RDP180-MD Cellular SCADA

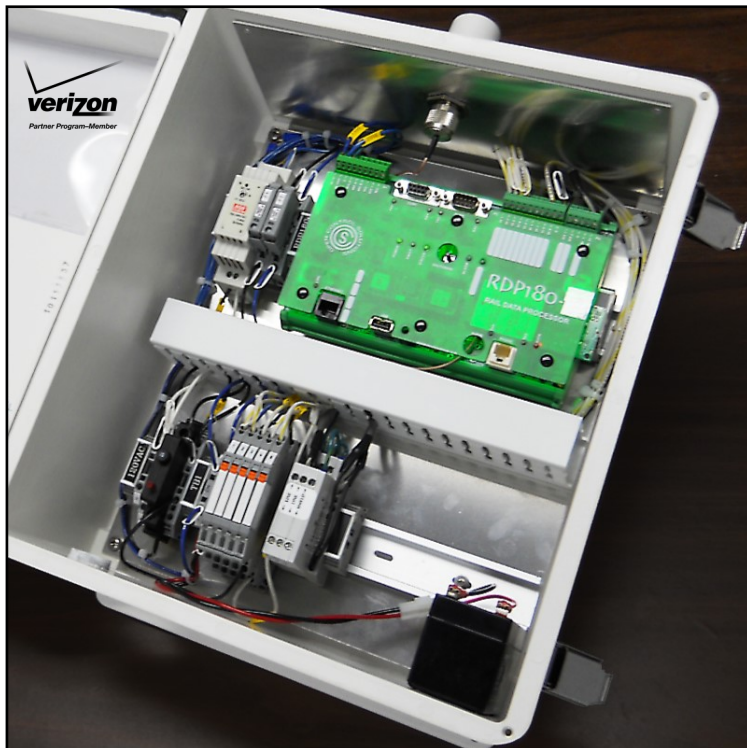


The RDP180-MD Cellular RTU is a simple, effective, and low-cost solution for Section 24-42.2 of the Miami-Dade County Code requiring the monitoring of private sanitary sewer pump stations. Secure cellular networks provided by Verizon are utilized for RTU communications.

The RDP180-MD is housed in a lockable NEMA 4 outdoor enclosure, utilizes 120V power, includes a 24-hour backup battery, and provides a total of eight (8) points of alarm notifications per the input list below. Alarm notifications are delivered immediately by the included DFS HT4 Cloud-SCADA via text message and email. All historical data is collected and stored in HT4 Cloud-SCADA for reporting, trending, and analysis.

## RDP180-MD includes the following inputs and alarm notification:

- 1) DI: Pump Station power failure
- 2) DI: Pump 1 Fail
- 3) DI: Pump 2 Fail
- 4) DI: Pump 3 Fail
- 5) DI: High Water Level Alarm
- 6) DI: Pump station control panel alarm activation
- 7) DI: Spare point 1 available for future use
- 8) DI: Spare point 2 available for future use



### **Basic Specifications:**

#### **Enclosure (Stahlin RJ1412HPL):**

W 15.50" x H 13.38" x D 7.69"  
NEMA 4X Non-Metallic, White  
Hinged with Locking Twist Latch

#### **Interposing Relays for Inputs:**

115V AC

#### **Included Power Supply / Breaker:**

12V DC / 10A breaker

#### **Required Supply Power:**

115V AC

#### **Integrated UPS:**

7.0 Ah Backup Battery

#### **Temperature:**

32° to 140° F (0° to 60° C)

#### **Standard Antenna:**

Laird 4G Multi-Band Phantom Antenna

#### **Product Warranty:**

Three (3) Years—Parts and Workmanship

#### **Cellular Communications:**

Private Tunnel by Verizon Wireless

#### **SCADA HMI & Alarm Notification:**

DFS HT4 Cloud-SCADA (access via Internet)