OmniSite is the only patented product of its kind and was developed specifically for water and wastewater treatment systems. Because it’s simple to setup and use, requires no additional software and minimal maintenance, OmniSite is the most affordable solution for monitoring environmental equipment of any type.
The Viper includes OmniSite’s “plug and play” GuardDog web interface which eliminates the need for custom programming.

OmniSite’s GuardDog web interface provides simple web navigation for monitoring environmental equipment of any type.

How OmniSite Works

OmniSite relies on a combination of cellular telephone and web based technology. The Viper sends a wireless signal to the local cellular tower. That signal is bounced to OmniSite’s web interface, where you can log on - any day, anytime, from any computer - and see how your remote equipment is operating. A “call out” list is set up online, so that when an alarm is triggered at your remote equipment, identified operators are contacted immediately.

Because OmniSite engineers recognize today’s fast-paced busy world, that notification comes by way of text message, email or call to your cellular or hard-wired phone.

Critical Data Available Online:
Pump run time
On/Off cycles
Drawdown time
Alarm events and deliveries
Camera snap shots
GPS coordinates
Estimated station flow

Specifications

I/O: Accepts (5) Universal Inputs - any voltage in the range of +12V AC/DC to +120V AC/DC, 4000 VAC Opto-isolation.

Optional: (1) 4-20mA analog input, 4000V Opto-isolation, 10 bit resolution

Input Power: 120 VAC +/- 10% or 12 VDC +/- 10%

Battery Backup: Internal 4 VDC, rechargeable sealed lead acid battery, rated for up to 20 hours of backup during AC power loss

Operating Temperature: -20 to 150 Deg F

Operating Humidity: 0-90% RH, non-condensing.

Radio: Motorola Quad Band GSM cellular transceiver 850-900-1800-1900,
-106dBm sensitivity (typical), Class 4 (2W @850/900 MHZ), class 1 (1W @1800/1900 MHZ). Certification FCC Parts 15, PTCRB

Antenna: Internal concealed antenna, optional externally mounted antenna for panel mount units.

Display: Simple 2 digit LED display

Enclosure: NEMA 4X equivalent ABS plastic enclosure w/ locking hasp.

Dimensions: 7.0”W x 9.0”H x 3.75”D, Weight: 3.0 lbs

Certification: UL Pending. Protection: US Patent #7,228,129