WebAlert® was developed to meet the increasing demands for improved operational efficiencies and enhancements to service programs that can be gained by continuous monitoring of remote equipment and systems.

WebAlert seamlessly web-enables your installed equipment, providing local and remote access to vital system information without the need to physically visit remote sites. WebAlert monitors and datalog analog and digital inputs from virtually any installed device, and notifies on-site and remote personnel of any system abnormalities.

The data handling and communications options in WebAlert are truly innovative. Ethernet and USB are standard features, therefore local or plant networked PCs can be connected and communicating with WebAlert in true Plug & Play fashion. Authorized operators and control personnel can view LIVE system parameters and historical graphs, as well as receive emailed alarms, reports or datalog files.

Summary of Key Benefits

- WebAlert integrates the functions of a monitor, data logger and auto-dialer in one low cost package. It is easily customized to your application without the need for a programmer.
- VTouch® provides quick, centralized 24/7 awareness of account status with the ability to LIVE connect to any of your controllers in the field with one simple mouse-click.
- No subscription service, monthly fees, or proprietary software is required. View data and program settings with just a standard web browser.
- Monitor up to six (6) 4-20mA signals and six (6) discrete inputs.
- Access live or stored data remotely within the facility (LAN) or from anywhere in the world.
- System status reports and datalog files can be emailed automatically on a regular basis. Instant alarm notification via cell phone text message, email, or local alarm relay.

Web-Based Remote Monitoring & Datalogging
### WebAlert® Series | Web-Based Remote Monitoring and Datalogging

**Convenience**

WebAlert has been designed with convenience and ease-of-use in mind. It has extensive built-in datalogging standard 4-20mA or discrete output.

**Simplicity**

Unlike PLC’s or similar devices, WebAlert does not require a software programmer for customization in your application. The reduced upfront costs and eliminates recurring expenses for software maintenance. Commissioning is as simple as connecting with a laptop and following the intuitive menus to configure the WebAlert to meet your needs.

**Remote Chemical Inventory Management**

WebAlert is perfect for remote chemical inventory management. Level sensors and switches from a variety of sensing devices may be connected directly to the WebAlert, providing live information about chemical inventories, which makes management of chemical deliveries efficient, prevents down-time in critical processes, and provides immediate notification of alarm conditions. An online management service from Watcher will be available to enable the user to view all of their devices on a single web page.

**Remote System Monitoring**

WebAlert will monitor up to six (6) 4-20mA signals and six (6) discrete inputs, giving you instant access (from anywhere in the world) to vital system parameters, including level, flow, pressure, temperature, or any other device with a standard 4-20mA or discrete output.

### Mechanical Specifications

- **Exhaust**: Polycarbonate
- **NEMA Rating**: NEMA-4X (IP65)
- **Ambient Temperature**: 32 to 140°F (0 to 60°C)
- **Storage Temperature**: -20 to 176°F (-29 to 80°C)
- **Shipping Weight**: 18 lbs (8.2 kg) (approximate)

### Measurement Performance

- **Range**: 3.15 to 20.25 mA
- **Resolution**: 0.03 mA
- **Calibration**: ±1 mA

### Agency Certifications

- **Safety**: UL 61010-1:2012 3rd Ed.
- **Electrical**: IEC 61010-1:2005

### Specifications

**Dimensions**: 9.6" x 8.25" x 3.75" (24.380CM x 20.95 CM x 9.60"

**Input Power**: 100-240VAC ±10%

**Input Signal Types**:

- **Analog Inputs (1-6)**: Non-Isolated 5 VDC with 301 K ohm pull-up, 0-400 Hz, ±1 mA accuracy, 500 mA maximum load
- **Digital Inputs**:
  - **State-Type Digital Inputs**: Use 1.0A 5 x 20mm transistor or relay, 120-240 VAC, 150 mA maximum load, isolation 2.5 kV, Supports on inputs: 1 through 6
  - **Low Speed Counter/Type**: 50 max. minimum width
  - **High Speed Counter/Type**: 0.0 to 40 Hz

### Single-Click LIVE Connect

One click and you connect LIVE to your device, regardless of connection type.

### VTouch Account Manager

VTouch is a collection of technologies designed for companies offering managed water treatment services. The VTouch solution allows service companies to more effectively manage remote accounts by significantly reducing the complexities associated with the deployment of water treatment service programs based around communicating products.

### Summary view of all monitored systems

![Summary view of all monitored systems](image-url)

**On-line, web-based summary of account status**

- **Process values continuously updated including past 24 hour min. and max. averages**
- **Alarm status**
- **One-click LIVE Connect to any device in the field for full view and reconfiguration**
- **Seamlessly organizes devices according to a process(es), facility, customer, etc.**
- **User “access” and “permissions” management**
- **Eliminates surprises during ‘routine’ visits**
- **Makes service PROACTIVE not reactive**
- **SAVES TIMEL Plan & Simple**

**VTouch is fully synchronized with Walchem’s web based controllers, making set up and configuration simple and fast.**

- **VTouch solution allows service companies to more effectively manage remote accounts by significantly reducing the complexities associated with the deployment of water treatment service programs based around communicating products.**

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- **VTouch solution allows service companies to more effectively manage remote accounts by significantly reducing the complexities associated with the deployment of water treatment service programs based around communicating products.**
WebAlert’s Ethernet networking is designed for monitoring and reconfiguration of a WebAlert remotely via the Internet. (requires cell modem and VTouch option).

**Communications**

- USB Plug & Play: For local monitoring and reconfiguration of your WebAlert via a laptop or dedicated on-site PC.
- NTap Modem-to-Modem: For monitoring and reconfiguration of your WebAlert remotely via the Internet (requires cell modem and VTouch option).
- DirectTap modem: For monitoring and reconfiguration of your WebAlert remotely via the Internet (requires modem card option).
- Ethernet: For monitoring and reconfiguration of your WebAlert via Local Area Network or remotely via the Internet.
- Cellular: For monitoring and reconfiguration of your WebAlert remotely via the Internet (requires cell modem and VTouch option).

WebAlert® was developed to meet the increasing demands for improved operational efficiencies and enhancements to service programs that can be gained by continuous monitoring of remote equipment and systems.

WebAlert seamlessly web-enables your installed equipment, providing local and remote access to vital system information, without the need to physically visit remote sites. WebAlert monitors and databases analog and digital inputs from virtually any installed device, and notifies on-site and remote personnel of any system abnormalities.

The data handling and communications options in WebAlert are truly innovative. Ethernet and USB are standard features, therefore local or plant networked PCs can be connected and communicating with WebAlert in true Plug & Play fashion. Authorized distributors and quality control personnel can view LIVE system parameters and historical graphs, as well as receive emailed alarms, reports or data files.

**Summary of Key Benefits**

- WebAlert integrates the functions of a monitor, data logger and auto-dialer in one low-cost package.
- It is easily customized to your application without the need for a programmer.
- No subscription service, monthly fees, or proprietary software is required. View data and program settings with just a standard web browser.
- Monitor up to six (6) 4-20mA signals and six (6) discrete inputs.
- Access live or stored data remotely within the facility (LAN) or from anywhere in the world.
- System status reports and datalog files can be emailed automatically on a regular basis. Instant alarm notification via cell phone text message, email, or local alarm relay.

**ETHERNET NETWORKING**

By using the on-site Local Area Network (LAN) or by connecting the WebAlerts together via Ethernet, you can access all of your WebAlerts from a networked device or via the Internet. The “Main” WebAlert automatically detects the other WebAlerts on a network from a single phone line or IP address. The “Master” WebAlert seamlessly web-enables your installed equipment, providing local and remote access to vital system information, without the need to physically visit remote sites. WebAlert monitors and databases analog and digital inputs from virtually any installed device, and notifies on-site and remote personnel of any system abnormalities.

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WebAlert® Series | Web-Based Remote Monitoring and Datalogging

Convenience
WebAlert has been designed with convenience and ease-of-use in mind. It has extensive built-in datalogging capability as there is no need for a separate datalogging device. The data can be retrieved automatically (email Excel file attachment) or manually, through the convenience of a standard USB flash disk. WebAlert has been designed with convenience and ease-of-use in mind. It has extensive built-in datalogging capability as there is no need for a separate datalogging device. The data can be retrieved automatically (email Excel file attachment) or manually, through the convenience of a standard USB flash disk.

Simplicity
Unlike PLC’s or similar devices, WebAlert does not require a software programmer for customization to your application. This reduces upfront costs and eliminates recurring expenses for software maintenance. Commissioning is as simple as connecting with a laptop and following the intuitive menus to configure the WebAlert to meet your needs.

Remote Chemical Inventory Management
WebAlert is perfect for remote chemical inventory management. Level sensors and switches from a variety of sensing devices may be connected directly to the WebAlert, providing live information of connection type! No phone numbers or IP addresses to remember.

Remote System Monitoring
WebAlert will monitor up to six (6) 4-20mA signals and all 8 digital inputs, giving you instant access from anywhere in the world to vital system parameters, including level, flow, pressure, temperature, or any other device with a standard 4-20mA or digital output.

Sensing
devices
Sensor
Flow
Pressure
Temperature
Bipole
Single
Flow
Level
Pressure
Temperature

data will be available to enable the user to view all of their systems on a single web page.

Features

• On-line, web-based summary of account status
• Process values continuously updated including past 24 hour min, max and average values
• Alarm status
• One-click LIVE Connect to any device in the field for full view and reconfiguration
• Analysis, troubleshooting, adjustments
• Seamlessly organizes devices according to a processes, facility, customer, etc.
• User “access” and “permissions” management
• Eliminate travel to the site
• Makes service PROACTIVE not reactive
• SAVES TIME! Plain & Simple
• Fixes problems by bundling the communications services, giving you a completely turn-key solution.
• The solution solves these problems by bundling the communications services, giving you a completely turn-key solution.

VTouch® Account Manager

The innovative, fully synchronized nature of VT ouch provides you with a quick, centralized 24/7 awareness of account status with the ability to LIVE Connect to your controllers in the field with a single mouse click, regardless of connection type! No phone numbers or IP addresses to remember.

Summary view of all monitored systems

Mechanical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Polypropylene</td>
</tr>
<tr>
<td>Nominal Design</td>
<td>NEMA 4X (IP65)</td>
</tr>
<tr>
<td>Ambient Temperature</td>
<td>32 to 140°F (0 to 60°C)</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-30 to 170°F (-20 to 80°C)</td>
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<td>Shipping Weight</td>
<td>18 lbs (8.2 kg) (approximate)</td>
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</table>

Measurement Performance

<table>
<thead>
<tr>
<th>Range</th>
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<tr>
<td>Resolution</td>
<td>0.03 mA</td>
</tr>
<tr>
<td>Calibration</td>
<td>±1 mA</td>
</tr>
</tbody>
</table>

Agency Certifications

- UL 61010-1:2012 and EN 61326:2006
- Class A equipment: Equipment suitable for use in environments where Class A emissions shall be limited to prevent interference with other equipment
- Class B equipment: Equipment suitable for use in environments where Class B emissions shall be limited to prevent interference with other equipment

Electrical

- Input Power: 100-240VAC ±10%
- Input Signals: Digital: 5 VDC with 301K ohm pull-up

- Low Speed Counter/Type
  - Digital Inputs: Non-isolated 5 VDC with 301K ohm pull-up
  - Types: Contacting flow meter, Generic counter

- High Speed Counter/Type
  - Digital Inputs: Non-isolated 5 VDC with 301K ohm pull-up
  - Types: Contacting flow meter, Generic counter

- Analog Inputs (1-4)
  - Digital Inputs: Dry contact, 0 to 40 VDC

- Outputs
  - Digital: USB, Ethernet, 10 Base T
WebAlert has been designed with convenience and ease-of-use in mind. It has extensive built-in datalogging capability so there’s no need for a separate datalogging device. The data can be retrieved automatically (email Excel file attachment) or manually, through the convenience of a standard USB flash disk.

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WebAlert will monitor up to six (6) 4-20 mA signals and six (6) discrete inputs, giving you instant access (from anywhere) to critical process data, units & custom names.

Remote Chemical Inventory Management

WebAlert is perfect for remote chemical inventory management. Level sensors and switches from a variety of sensing devices may be connected directly to the WebAlert, providing live information about chemical inventories, which makes management of chemical deliveries efficient, prevents time-consuming error-prone processes, and provides immediate notification of alarm conditions. An online device management service from Watchman will be available to enable the user to view all of their sites on a single web page.

Remote System Monitoring

WebAlert will monitor up to six (6) 4-20 mA signals and six (6) discrete inputs, giving you instant access (from anywhere) to critical process data, units & custom names.

 Specifications

### Measurement Performance
- **Range:** 3.15-25.20 mA
- **Revolution:** 0.03 mA
- **Calibration:** ±1 mA

### Agency Certifications
- **Safety:** UL 61000-4-4, EN61010-1:2010, EN61326-1:2006
- **Electrical:** Non-Isolated 5 VDC with 301 K ohm pull-up, 0-10 Hz, 50 msec minimum width
- **Analogue Inputs (1-6):** 4.20 mA, 2 wire or 3 wire, internally powered by 24 VDC, 100 ohm input resistance, typical response time ≤ 10 seconds

### Inputs:

- **Type:** Digital Inputs
  - Low Speed Counter/Type:
    - Electrical: Non-isolated 5 VDC with 301 k ohm pull-up, 0-10 Hz
    - Support on inputs: 1 through 6
  - High Speed Counter/Type:
    - Electrical: Non-isolated 5 VDC with 301 k ohm pull-up, 0-400 Hz
    - Support on inputs: 1 through 4

### Outputs:

- **Type:** Solid State Relay
  - digital: Dry contact, 0 to 40 VDC, No AC voltage, 150 mA maximum load
  - USB, Ethernet, 10 Base T

### Specifications

- **Agency Certifications:**
  - **Safety:** UL 61000-4-4, EN61010-1:2010, EN61326-1:2006
  - **Electrical:** Non-Isolated 5 VDC with 301 K ohm pull-up, 0-10 Hz
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### Outputs:

- **Type:** Solid State Relay
  - digital: Dry contact, 0 to 40 VDC, No AC voltage, 150 mA maximum load
  - USB, Ethernet, 10 Base T

### Summary view of all monitored systems

- **Device:**
  - **Type:** Smart Service
  - **Apps:**
    - **Controls:** Process Control
    - **Data:** Analytical, Environmental
  - **Inputs:**
    - **Voltage:** 24 VDC
    - **Current:** 100 mA
    - **Resistance:** 1000 ohm max
    - **Frequency:** 1 Hz
  - **Outputs:**
    - **Voltage:** 12 VDC
    - **Current:** 500 mA
    - **Resistance:** 100 ohm max

### ‘Smart’ Services

- **On-line, web-based summary of account status
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- **Analysis, troubleshooting, adjustments
- **Seamlessly organizes devices according to a process/device, facility, customer, etc.
- **User ‘access” and “permissions” management
- **Eliminates frequent phone calls & emails
- **Makes service PROACTIVE not reactive
- **SAVES TIME & Plan & Simple

VT Touch is a collection of technologies designed for companies offering managed water treatment services. The VT Touch solution allows service companies to more effectively manage remote accounts by significantly reducing the complexities associated with the deployment of water treatment service programs based around communicating products.

The innovative, fully synchronized nature of VT Touch provides you with a quick, centralized 24/7 awareness of account status with the ability to LIVE Connect to any of your controllers in the field with one simple mouse-click, regardless of connection type! No phone numbers or IP addresses to remember.

*VT Touch Account Manager is fully synchronized with Watchman’s web-based controllers, making set-up and configuration simple and fast. Just specify the type of remote communications needed for new or existing controllers and Watchman takes care of the rest. No need to sort out and track complicated and constantly moving cellular data or dial-up ISP plans from large companies with poor customer service and unpredictable monthly charges. VT Touch solves these problems by bundling the communications services, giving you a completely turn-key solution.

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### Online Device Management Service

- **Online Device Management Service**
- **Email:** notifications of alarm conditions
- **Text:** status reports
- **PDA/Cell phone:** live connect
- **Internet:** access to data

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### ‘Smart’ Services

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### Summary of Key Benefits

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### ABOUT US

Walchem integrates its advanced sensing, instrumentation, fluid pumping and communications technologies to deliver reliable and innovative solutions to the global water treatment market. Our in-house engineering is driven by quality technology and expertise, rooted on the entire Walchem product line, visit: www.walchem.com.