



P R O L I P H I X

## PRODUCT BRIEF

### SYSTEM SUPPORT

#### HVAC SYSTEMS

- Hydronic or Hot Air Heat by Oil or Gas
- Heat Pumps, Air Conditioning
- PTACs, RTUs

#### HVAC TYPE

- Fossil Fuel – Gas/Oil, 3H/2C
- Heat Pump/AC - Electric, 3H (Aux heat)/2C

### PRODUCT FEATURES

#### ADVANCED HVAC FEATURES

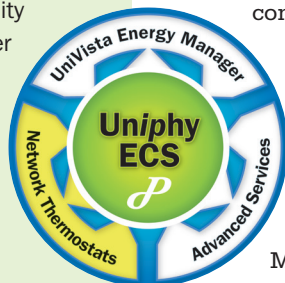
- Auto Changeover
- Intelligent Recovery
- Adjustable Setpoint Dead Band
- Adjustable Stage Offsets
- Adjustable Stage Turn-on Delay
- Fan Control on Heat
- Hold Mode Adjustable Timeout
- Time-of-Day Fan Scheduling
- Humidity Sensing & Control

#### SIMPLE SCHEDULING

- Calendar-Based Graphical Interface
- Drop-Down Menu Control
  - 366 Day Programming
  - 5 Year Scheduling
  - 12 Daily Profiles

#### ALARM TYPES

- Zone Low/High Temperature
- Zone Low/High Humidity
- Filter Change Reminder
- Remote Sensor
  - Low/High Temperature Threshold
  - Open/Closed Contact Closure



## INTERNET-MANAGED THERMOSTATS UNIPHY COMMERCIAL SERIES

### IMT550

- Multi-Stage HVAC System Control
- Humidity Sensing & Control
- Auxiliary Equipment Control
- Advanced Sensor Monitoring

#### PRODUCT HIGHLIGHTS

- Internet HVAC Monitoring and Control
- Advanced HVAC System Diagnostics
- Time-of-Day Equipment Control
- Wired Ethernet or 802.11b/g Wireless Communications
- Web Browser Configuration
- E-mail Status and Fault Reporting
- Secure Socket Layer (SSL) Data Security
- Flexible Power Options



#### UNIPHY ENERGY CONTROL SOLUTION

The Proliphix Internet-Managed Energy Control Solution (ECS) is a sophisticated yet inexpensive energy management system alternative for the small facility owner or operator. The Proliphix ECS provides remote HVAC system monitoring and control, lighting or process equipment control and advanced sensor monitoring, for one or all facilities in an enterprise. The Proliphix ECS is ideally suited for light commercial facilities which require comprehensive energy control at a fraction of the cost of conventional energy management systems. Small business owners/operators will be able to experience aggressive returns on investment, most often in less than a year.

#### UNIPHY COMMERCIAL SERIES NETWORK THERMOSTATS

The Proliphix Commercial Series Network Thermostats (IMT550c/w) are all that is necessary to provide Proliphix ECS capability at the customer facility for remote HVAC monitoring and control, appliance or equipment control and advanced thermal monitoring. The IMT550c/w network controllers, along with the Proliphix-hosted UniVista Energy Manager software (UEM), provide comprehensive energy control at the lowest cost of ownership.

The Commercial Series Network Thermostats take full advantage of wired and wireless Ethernet technologies and the Internet to leverage the business network infrastructure for comprehensive energy and HVAC system management. The Proliphix Commercial Series product line is compatible with typical HVAC systems and offers all the features expected by commercial installers and system integrators. The Proliphix Commercial Series improves on the strengths of our popular Thermal Management Series Network Thermostats by adding advanced alarming, more sophisticated HVAC control and versatile sensor capability.



PROLIPHIX

## PRODUCT BRIEF

### ADDITIONAL PRODUCT CAPABILITY

#### EXTERNAL INPUT SENSORS (3)

- Thermistor Temperature
- Dry Contact Closure

#### AUXILIARY RELAY OUTPUTS (2 MAX)

- Time-of-Day Activation
- Humidification/Dehumidification Control
- Zone Alarm Threshold Activation

### PRODUCT NETWORK CAPABILITY

#### NETWORK FEATURES

- Wired Ethernet or Wireless 802.11b/g Connectivity
- SSL Password Authentication & Connection Encryption
- SMTP Client
  - E-mail, Text Messaging
  - Alarm Notifications
- Static/DHCP Addressing
- Settable Gateway Address/Address Mask
- Selectable HTTP Ports
- Supports Class A, B, C IP Addressing

### ADDITIONAL PRODUCT FEATURES

#### ENERGY SAVINGS

- HVAC Stage Usage Counters
- Temporary Timed Override
- Limited H/C Cycles per Hour

#### SECURITY

- Keypad Lockout w/Override Limits
- SSL Data Encryption

#### CONVENIENCE

- Color Graphic TFT Display
- Ergonomic Touchscreen Control
- Ambient Light Display Backlight Control
- Auto Daylight Savings
- Unique Thermostat Naming
- Service Provider Contact Info

#### POWER OPTIONS

- IMT550c
  - Proliphix EPA
  - PoE (802.3af)
  - HVAC Power
- IMT550w
  - HVAC Power

#### PRODUCT SPECIFICATIONS

- Operating Temperature: -10°C to +40°C
- Weight: .75 lb
- Warranty: 3 Year Limited Warranty

### UNIPHY REMOTE MONITORING AND CONTROL

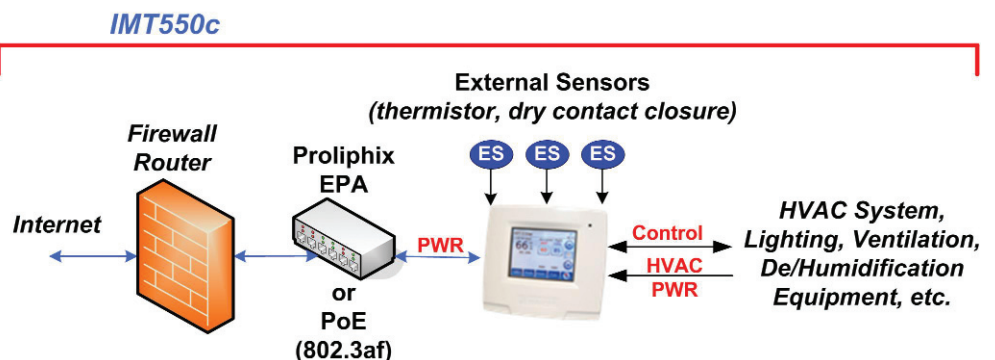
Internet connectivity and the thermostat's browser interface offer unprecedented ease of configuration, monitoring and management capabilities at a fraction of the cost of current programmable communicating thermostats. The Commercial Series Network Thermostats offer distinctive features and functions which position them as sophisticated HVAC system controllers remotely accessible and controllable via the Internet. Authorized resellers and service providers can:

- Remotely adjust the zone temperature
- Respond to HVAC alarm notifications
- Verify system maintenance completion
- Diagnose air handlers and compressors
- Control energy – real-time monitoring

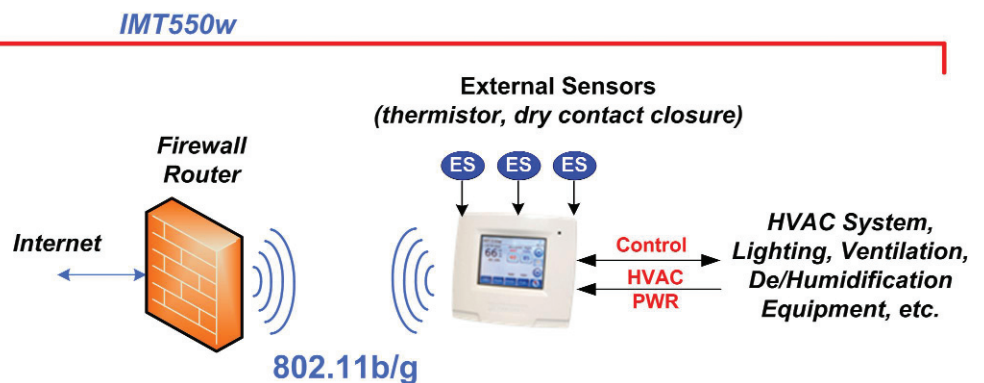
Alternatively, these features can be used *independently* to:

- Monitor and control HVAC
- Control lighting, exhaust fans, food service equipment, etc.
- Monitor refrigeration/freezer temperatures, door contact closures, etc.
- Monitor RTU electrical energy consumption

### TYPICAL IMT550c NETWORK INSTALLATION



### TYPICAL IMT550w NETWORK INSTALLATION



Product features and availability are subject to change without notice. Please contact Proliphix or visit our website for more information.

Rev 2.0