


# Professional Wi-Fi & Ethernet Thermostats



PRODUCT	TEXT & EMAIL ALERTS	AUX RELAY (K/H/D)	SCHEDULING
UP32*	19	n/a	7-Day Schedules
UP32E*	19	n/a	7-Day Schedules 40 Special Events 40 Calendar Events
UP32H*	19	Humidify/Dehumidify Fresh Air Damper ON/OFF Scheduling	7-Day Schedules
UP32HE*	19	Humidify/Dehumidify Fresh Air Damper ON/OFF Scheduling	7-Day Schedules 40 Special Events 40 Calendar Events

\*UP32, UP32E, UP32H, UP32HE available in both Wi-Fi (Wireless) and IP (Ethernet) versions.

Predictive, Preventive, Maintenance.

## TAKE CONTROL OF YOUR HVAC ENERGY BILLS!

The UP32 thermostat family is the perfect solution for a wide variety of HVAC needs. Using your favorite browser on your PC, Mac, smart phone or tablet, Net/X™ makes it simple to effortlessly configure your daily schedules and vacations. Automated monitoring and alerting are integrated for everything happening with your HVAC system, including efficiency. Secure dual logins allow for simple or advanced control of your HVAC needs.

## SIMPLE INSTALLATION

With features unparalleled in the market, the UP32 is a simple, single-piece installation, saving you time, money and hassles. With universal equipment control for conventional (2H/2C) and heat pump (3H/2C) systems, in most cases your Net/X™ thermostat can be installed by simply matching the existing color-coded wires of your old thermostat.

## ADVANCED REMOTE SENSOR BUS — UP TO 11 SENSORS

The UP32's advanced remote sensor bus supports a total of 11 sensors with up to 6 indoor remote sensors, an outdoor sensor, a humidity/temperature sensor plus auxiliary temperature sensors that allow up to 3 additional monitoring and alerting points from every thermostat. The auxiliary sensors can be used for anything from supply and return air to walk-in freezers, refrigerated cases, computer rooms, and water temperature monitoring.

## ALERTS TO 4 DESTINATIONS

The UP32 thermostats allows up to 4 email / text destinations that can be set up for 19 different alert conditions. Separate alerts can be used for maintenance personnel and users to optimize efficiency and ease of reporting. All alerts are generated from the thermostat, giving you complete control. Working behind the scenes, Net/X™ can even notify you if the thermostat loses its Internet connection.

**Save Time • Save Energy • Save Money**

[www.networkthermostat.com](http://www.networkthermostat.com)

**NT**™ network thermostat

# UP32 Thermostat

With optional remote sensors

## FULLY INTEGRATED SOLUTION

The UP32 is a great solution for both simple and complex needs. With its fully integrated web server, *everything* is 'served' from the thermostat, including alerts. The UP32 is even smart enough to know when you're on a tablet or mobile platform and automatically adjusts the viewing format with NO APP REQUIRED.

### Multiple Remote Sensors

are connected in a daisy-chain via standard CAT5 cable. (Cable shown in green)

### Up to 6 Indoor Sensors

can be connected from any one point in the daisy-chain. (Cable shown in light green)

### Many Probe Selections

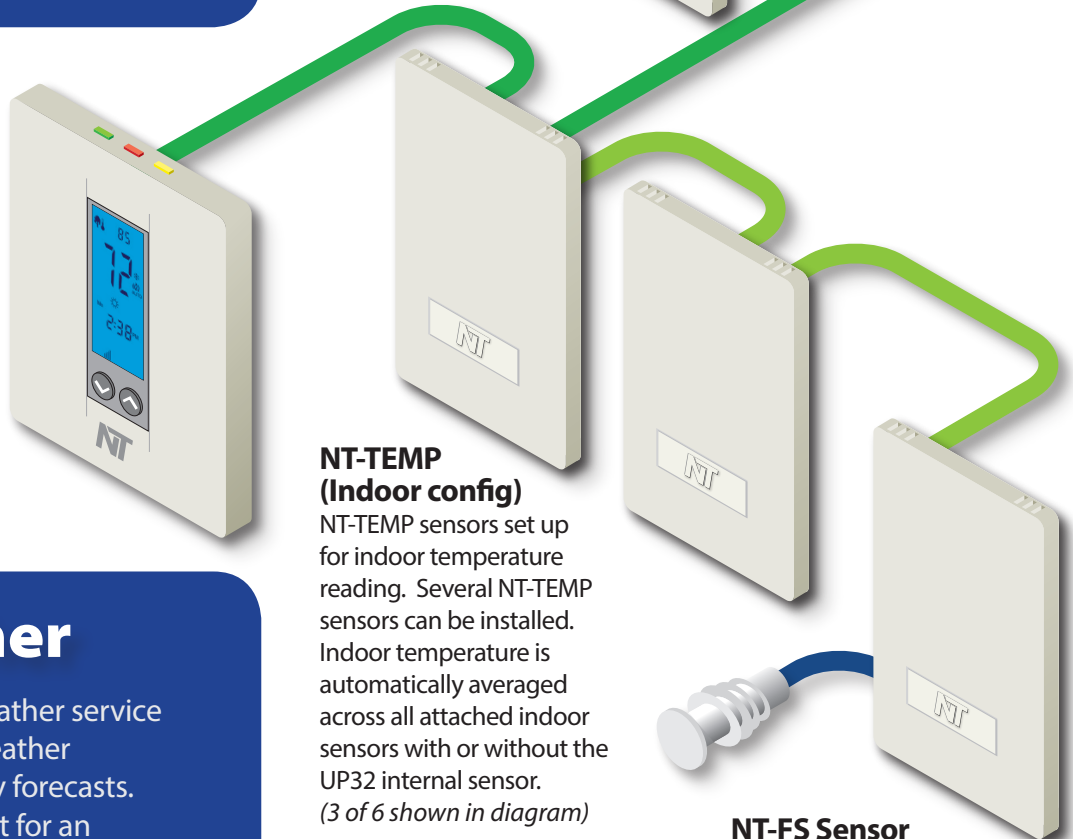
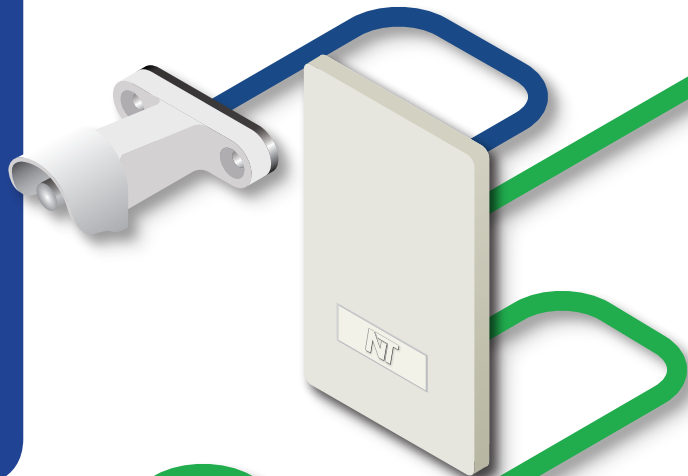
to choose from for specific applications. (Cable shown in blue)

## Weather

The UP32 integrated weather service displays current local weather conditions and full 7-day forecasts. Without the requirement for an outdoor sensor, the UP32 integrated outdoor weather conditions allow air-to-air heat pumps to have low & high balance point controls and fresh air damper control with enthalpy limits.

### NT-TEMP (Outdoor config)

NT-TEMP sensor configured for outdoor use with NT-OUTDOOR Probe (1 per unit)



### NT-TEMP (Indoor config)

NT-TEMP sensors set up for indoor temperature reading. Several NT-TEMP sensors can be installed. Indoor temperature is automatically averaged across all attached indoor sensors with or without the UP32 internal sensor. (3 of 6 shown in diagram)

### NT-FS Sensor

Adding the flush mount sensor probe to the NT-TEMP makes temperature measurement nearly invisible, allowing measurement in the room while the sensor electronics are hidden elsewhere.

### NT-HUM Sensor

The NT-HUM sensor measures humidity and temperature for monitoring of anything from wine rooms to greenhouses. (1 per unit)

### UP32H & UP32HE Thermostat Series

The UP32H & UP32HE versions include an integrated humidity sensor and control.

### NT-TEMP (AUX 1 config)

Adding the NT-PROBE to the NT-TEMP sensor gives the ability to monitor the HVAC system efficiency via supply or return air temperature.

### NT-TEMP (AUX 2 config)

In addition to use as a supply or return sensor, adding the NT-PROBE also allows for monitoring of a location such as a refrigerated display case, walk-in freezer, or anything else from -40°F to +200°F.

### NT-TEMP (AUX 3 config)

Adding the NT-H20 probe to the NT-TEMP sensor enables the ability to monitor water temperature. This is a sealed drill-in sensor for accurate readings directly in the water flow.

## REMOTE SENSORS

The Net/X™ Advanced Remote Sensor Bus allows addition of up to 11 remote sensors on each thermostat.

- 6 Indoor Sensors (max)
- 1 Humidity/Temp Sensor
- 1 Outdoor Sensor
- 3 Auxiliary Sensors

AUX1 through AUX3 sensors can be configured using the NT-TEMP remote sensor and the add-on NT-PROBE, NT-FS probe or NT-H20 probe.

## AUX INPUTS

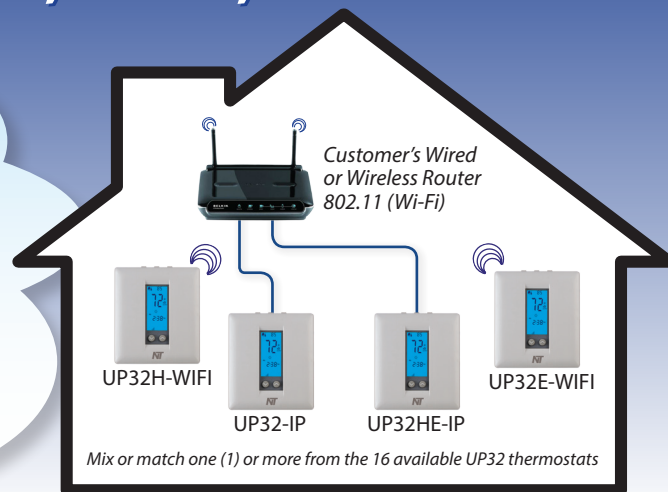
The flexibility of the UP32 doesn't stop with just remote sensors. Each unit includes an Occupancy Input and 2 Auxiliary Digital Inputs, allowing both monitoring and alerting for each. The Digital Inputs can be labelled and used for any transitional event, including:

- Condensate Overflow
- Flood Detection
- Equipment Faults
- Pressure Differential Switch
- Overcurrent Conditions

# DirectConnect™ or CloudConnect™ access using your smart phone, tablet, PC or Mac.



Net/X-IP Command Center PC Software



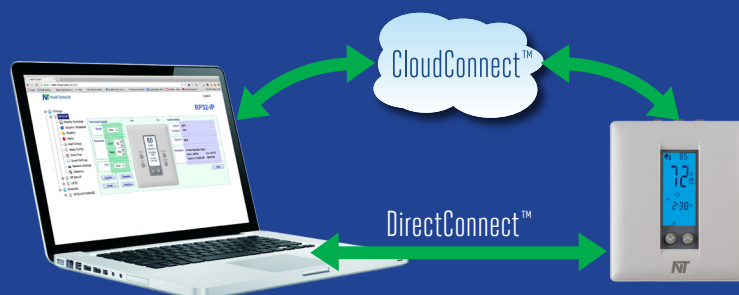
## POWERFUL FEATURES

- Gas, Electric, Oil, Heat Pump with up to 3-stage Heat & 2-stage Cool
- Up to 4 Schedules per Day, plus Vacation Scheduling
- 40 Calendar & 40 Special Event Schedules<sup>1</sup>
- Energy Saving Control Algorithms with Efficient Equipment Restart<sup>2</sup>
- Adjustable Override Control, Keypad
- Lockout & Smart Schedule Recovery
- Local Weather Data and Forecasts
- 25 Different Equipment & System Alerts via Email and Text Message
- Fully Integrated Web Server for Direct Connection, LAN & Internet Use
- Update Settings using your Smart Phone, Tablet or PC/Mac
- Connect up to 11 Remote Sensors
- Two Digital Inputs for monitoring Condensate or Flood issues, Dirty Filter or Equip Fault
- Net/X Occupancy Sensor Input
- Free Enterprise Class PC Software for Management of Multiple Thermostats & Sites

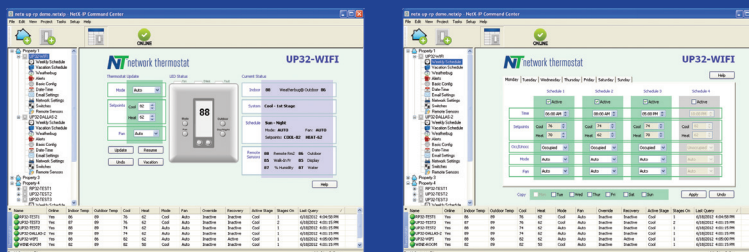
1. Available on UP32E and UP32HE Models  
2. Patent Applied Technology

## PROGRAMMING & CONTROL

Control a Few or Hundreds via DirectConnect™ and/or CloudConnect™



...or also use our **FREE Net/X™** PC-Connect™ enterprise class software



www.networkthermostat.com

