Eco Touch

Beautifully Simple Wireless Thermostat

The EcoTouch wireless thermostat with internal occupancy detection offers a flexible state-of-the-art energy savings solution with a sleek, updated, ultra-thin and modern design. Our wireless remote display offers complete freedom to install the thermostat anywhere, integrating the EcoTouch into the overall interior design; and when room renovations dictate relocation, moving the thermostat only takes a few minutes.

1. Ultra-thin and modern, the EcoTouch features an innovative capacitive touch flat screen and resembles a mobile device.

2. To manage battery life, the display remains darkened until a user approaches it causing the proximity sensor to awaken the screen for battery operation.

3. Innovative proximity sensing increases guest comfort and battery life by waking the screen only when a user approaches. Once activated, the screen displays lighted icons on the glass that act like traditional buttons and provide a physical haptic response when pressed.

4. The device outer trim ring color is customizable, including white, gold, chrome and silver.

5. Extensive LCD customizations allow for simple to complex displays. Select whether to display setpoint temperature and/or actual temperature. If both are selected you can emphasize either the setpoint or current temperature as needed.

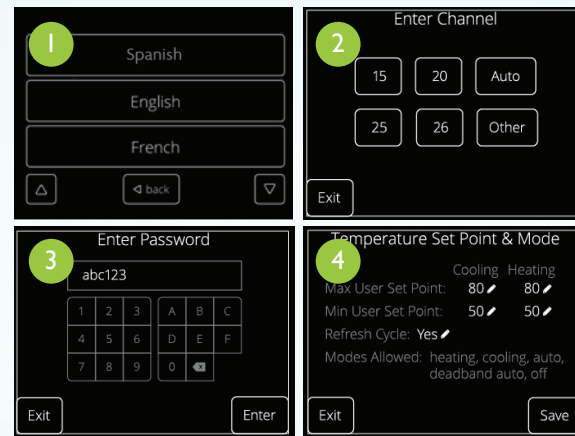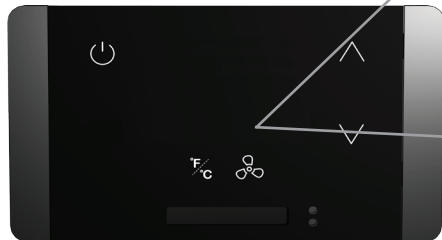6. Current outdoor temperature and weather conditions can also be enabled on screen.

1. Multilingual Interface provided.

2. Easy-to-use setup menus simplify the installation process.

3. Easy-to-use configuration menus make in room adjustments easy for maintenance staff.

4. Unlike other products on the market, the EcoTouch supports site specific passwords for access to settings at the thermostat. This prevents guests from changing energy management settings without a property's knowledge, since special entry sequences are often distributed publicly.

Screen 1 — Language
1
Spanish
English
French
◁ back
Exit

Screen 2 — Enter Channel
2
15   20   Auto
25   26   Other
Exit

Screen 3 — Enter Password
3
abc123
1 2 3 A B C
4 5 6 D E F
7 8 9 0
Exit   Enter

Screen 4 — Temperature Set Point & Mode
4
                          Cooling Heating
Max User Set Point: 80   80
Min User Set Point: 50   50
Refresh Cycle: Yes
Modes Allowed: heating, cooling, auto, deadband auto, off
Exit   Save

Best-in-Class Occupancy Sensors Ensure Energy Savings & Guest Experience Coexist in Harmony
Telkonet boasts best-in-class occupancy sensing technology with ultra-sensitive wide-angle passive infrared and active IR detection.

No more false readings: the EcoTouch will not switch to unoccupied mode when your guest is sleeping and it will not remain in an occupied mode when vacant.

EcoSource – EcoTouch's Other Half
The EcoTouch requires an EcoSource controller for physical control of the heating and air conditioning system. The EcoSource is normally installed inside the HVAC system and hidden from view. It can be easily installed on almost all unitary HVAC systems including packaged terminal air conditioners, fan coils, heat pumps, split systems, VRF mini split systems and many more. With software-based relay control and fan speed configuration, programming setup is simple and fast.

Networked
When the EcoTouch is networked, (i.e. connected with an EcoConnect) the EcoTouch becomes a ZigBee® router; it logs data internally and sends it at selectable intervals to a centralized database server.

By incorporating the EcoTouch products with the full EcoSmart network platform, an operator gains full remote control capability down to the individual thermostat level.

Proven Savings
Telkonet's energy efficiency products have been proven in hundreds of thousands of rooms across hospitality, education, military, and health care markets. The power and intelligence behind the EcoTouch makes it an ideal fit for any number of applications, including hospitality, residential and office complex space. New opportunities for efficiency in HVAC are constantly uncovered with the wide array of support the EcoTouch provides.

PMS Integration
We are PMS integration leaders. The EcoTouch can be integrated into practically any PMS system. As soon as a guest checks in ("Sold"), the EcoSmart system will prompt the HVAC unit to begin heating or cooling the room to achieve the indoor environment selected by the property when they enter. When a guest checks out ("Unsold"), the EcoSmart system prompts the HVAC unit to enter a deep setback mode with an extended recovery time, offering considerable energy savings.

By incorporating EcoTouch with the full EcoSmart network platform, an operator gains full remote control capability down to the individual thermostat level. Room-by-room changes (temperature setpoint or mode) can be performed over the secure web-based EcoCentral portal. Global site changes (setpoint ranges, setbacks or even scheduled load shed events) are also easy using EcoCentral VE: group the settings into new "profiles", which can be delivered to a group of thermostats simultaneously.

Efficient HVAC Operation While Away
The EcoTouch solution is designed to provide building operators with efficiency in the performance of their HVAC systems at a fraction of the normal installation cost. It achieves efficiency by allowing granular control over available setpoint ranges, mode selections, setback temperature limits, and data from interconnected systems such as a hotel's property management system or time-of-day utility pricing data.

Using the EcoTouch integrated sensors for light level and occupancy sensing as well as any remote occupancy sensors (EcoSense) or door contacts (EcoContact), the EcoTouch will use an intelligent algorithm to accurately determine if a space is occupied, or vacant, and react according to its programming.

The system can revert to a preset temperature limit set by the operator or by implementing Telkonet's proprietary Recovery Time technology. The EcoTouch is designed with networking in mind and comes integrated with a ZigBee module needed to create a larger managed building network. Large internal memory is standard on the EcoTouch and data is available for download via laptop connection.

Plays Well With Others
Already have a control network? If it's based on ZigBee standards, the EcoSmart platform may be able to integrate seamlessly into it. EcoSmart can also inter-operate with building automation systems (BAS) using industry standard protocols such as BACnet.
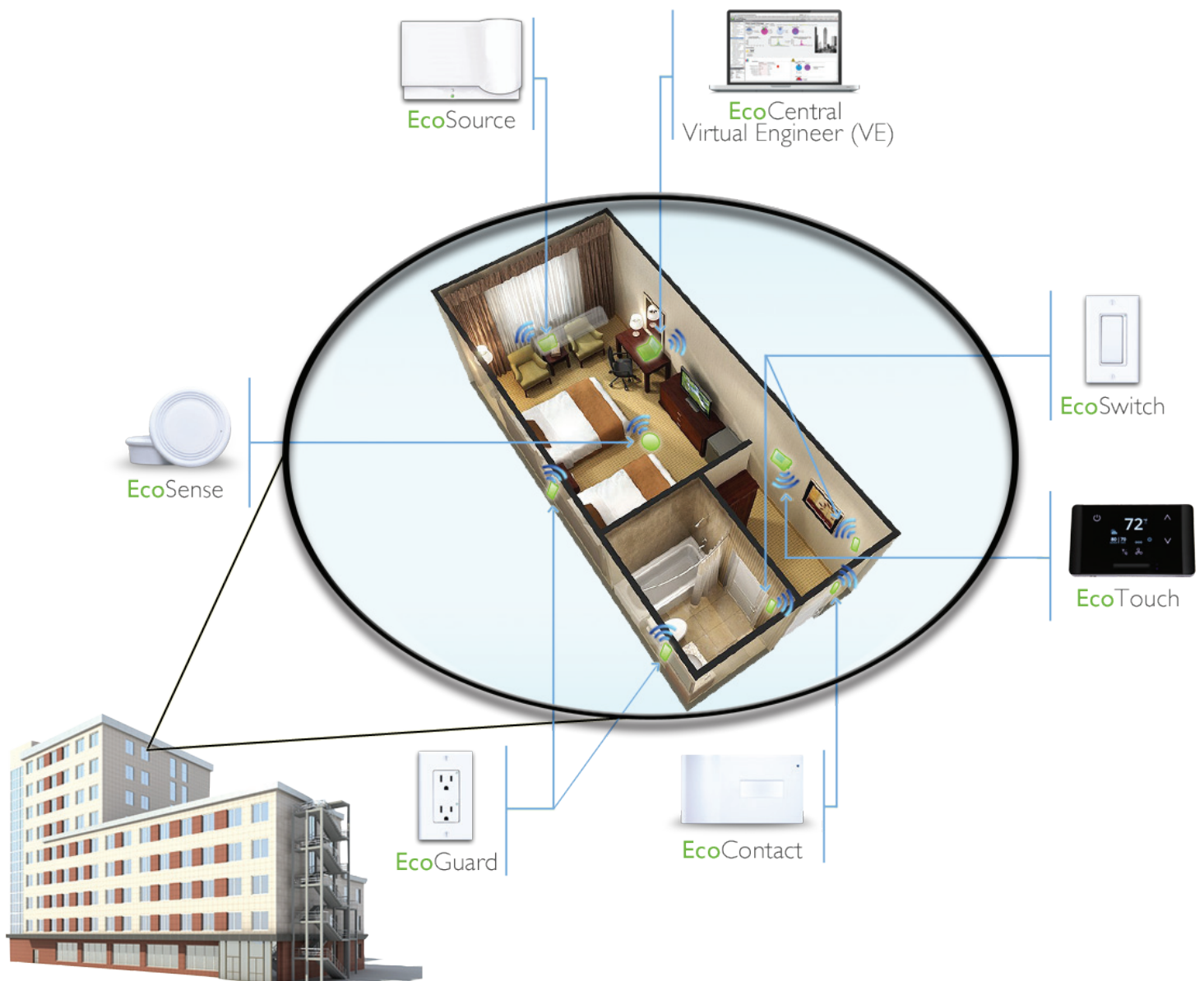
Overview
- Best-in-class built-in occupancy sensors
- Haptic feedback (light vibration when touching screen icons)
- Customizable trim ring
- Ultra-thin: only 15mm deep
- Wired or wireless
- Multilingual
- Humidity Sensor
- Outdoor weather feed:
  - Screen can be configured to display current outdoor temperature
  - A local 3-day forecast can also be displayed
- Updated design with a full-color capacitive touch flat screen
- Customizable touchscreen interface
- Traditional thermostat buttons replaced with icons on glass
- Stand-alone or networked
- Future-proof: over-the-air (OTA) updates

Benefits
- Beautifully updated with a sleek, modern and attractive design
- Provides real-time access to continuously monitor, manage and control energy savings and guest experience
- Integrated technology that will evolve as needs change
- Universally compatible across a wide array of HVAC systems
- Easy integration with other ZigBee-enabled devices (e.g. lights, locks, safes, mini-bars, draperies, etc.)
- Easy-to-use onscreen maintenance interface
- Innovative use of proximity sensors to dim display that increases guest comfort, extends battery life and provides additional energy savings
- Comfort-focused technology to auto-dim brightness level based on in-room lighting

EcoTouch in a Fully Integrated Suite

EcoSource

EcoCentral
Virtual Engineer (VE)

EcoSwitch

EcoSense

EcoTouch

EcoGuard

EcoContact

For more information contact a Telkonet representative today.
Visit www.telkonet.com or call 888.703.9398.

SS6560-B (Black)
SS6560-W (White)

Rev. 1