The Interactive Electronic Systems Control Touch Screen is designed to allow full control of Z-Wave® enabled products such as lighting, thermostats, and window treatments while providing the convenience of 1 button scenes, and a unique automated wake up scene (alarm clock). The intuitive touch screen allows manual control of each system, full scene control, and multiple scheduled events. The unit is self contained, battery backed up, and there is no need for a centralized controller or wired repeaters (zero footprint).

Integrated Z-Wave technology utilizes state-of-the-art mesh networking, enabling all devices in the network to act as a repeater. The more devices installed, the better the network coverage. Z-Wave is a non-proprietary communication standard which allows product interoperability for control of lighting, temperature, window treatments and other Z-Wave sub-systems found in a residence.

The EasyTouch-S is a cost effective full featured color 3.6 inch ¼ VGA Touch Panel unit. The device features an active matrix wide viewing angle LCD display with exceptional brightness and high contrast. The Touch Screen comes in a table top enclosure; however, the screen can be easily removed from the base and installed in a standard 2 gang electrical box.

**Easy Touch Features**
- Full featured, high resolution color display is easy to read and simple to navigate
- Easy to use Lighting configuration software package for customizing of Scenes, Schedules, Rooms and individual Lights
- Manual Device and Scene Control
- Multiple individually selectable Scheduled Events including Dawn/Dusk with offset
- Timer controls for individual lights programmable on screen (1-999 minutes)
- Status indication for intensity and module response
- Battery backup for Real Time Clock
- Available in table top or direct mounting into standard two-gang electrical box
- Optional IR remote control

**EasyTouch-S Touch Screen Specifications**
The specifications are as follows:

- High Brightness, High Contrast LCD display
- Active matrix (TFT)
- 3.6 inch diagonal
- 320 by 240 resolution
- Wide viewing angle
- LED backlight (Software controlled)
- Processor
  - 400MHZ/ 800MMACs High Performance Processor
- Memory
  - 16 Mbyte RAM, 8 Mbyte Flash
- Graphic Engine
  - 24 Bit RGB 16,384,000 colors
- 10 –28 VDC input voltage
- Power consumption approx 170 ma @ 12VDC

**Ordering Options**
- IESET36TTB - Table Top Screen - Black
- IESET36IW - In Wall Screen - White
- IESET36TTZWKITB - Table Top Screen - Black bundled with the IESETZWACCKIT - Z-Wave Accessory Kit
- IESET36IWZWKITW - In Wall Screen - White bundled with the IESETZWACCKIT - Z-Wave Accessory Kit
- IESETZWACCKIT - Z-Wave Accessory Kit includes
  - BL100505BK - 7’ Cat 5e Patch - Black
  - BL150117 - 3’ USB 2.0A to Male Mini 5 Pin cable
  - LEVVRCC0P-1LW Z-Wave serial interface + cord
- IESET36BEZEL* - Paintable Bezel (B=Black, W= White)
- IESET36ENCB - Table Base - Black

* The same platform can be used for residential applications. See the “Z-Wave Enabled Touch Screen With Hospitality Interface” Specification sheet for details
Home Screen
The Home Screen is an intuitive screen that displays the current time, date, and wake up time. The user is able to select their wake up time, control lights, thermostats or window treatments in the home, or change schedules.

Wake Up Screen
This intuitively laid out interface allows the user to simply select a wake up time. They are able to define how they wish to wake up, options include turning on lights, opening window treatments, changing the temperature and sounding an internal chime. The customer can even define how long they want the alarm to delay when the snooze is pressed.

Scheduling
Simple to use software is used to create pre-programmed schedules. The scheduling screen allows the user to easily turn schedules on and off.

Lighting Screen
When lighting is selected, the customer is offered a list of controllable lights. Several options are presented for turning the light on/off and if appropriate, dim levels.

Temperature Screen
The temperature screen provides display of the current thermostat reading and set points. The user can alter the mode, fan and adjust the desired temperature.

Window Treatment Screen
The window treatment screen can be used with a variety of available treatments including shades, blinds, and drapes. The user can manually control the treatment, select open/close or they can choose from preset views.

Scenes Screen
Scenes allow the facility to predefine activities for the user. Popular scenes are Wake Up, Good Night, Reading, and Television. These routines can adjust the controlled devices to create a consistent look at the touch of a button providing a relaxing atmosphere.

Green Scene
Saving energy is a key component in modern construction. The Green Scene allows the customer to define a Green mode which can turn off lights, control window treatments and alter temperature settings.

Note:
The interfaces above require the use of Z-Wave enabled lighting, thermostats, and drapery control.
Leviton vizia rf + provides 2-way communication and feedback to the IES touch screen. Each system is programmed with a primary remote for establishing 2-way mesh communication. The vizia rf + product line has extensive control options including products for incandescent, fluorescent, magnetic and electronic low voltage, as well as fan speed control. Wall mounted controllers are available in 4 button or 1 button configurations. Plug-in modules round out the product line for lamp and appliance control.

Techniku window treatment motors provide 2-way communication for control of shades, drapes, blinds, window shading, vertical blinds, and cellular shading. The touch screen interfaces provide commands for up, down, percentages (25% open), and preset locations. Presets allow the user to learn a specific location and recall the position at the touch of a button. Window treatment control can be included in time based scenes which can be activated at specific times or based on sunrise / sunset.

Intermatic is known for their timers which are often used for controlling pool pumps, landscape lighting and a whole host of other line voltage items. The Intermatic line has broadened to include Z-Wave enabled line voltage contactors as well as dimmers, switches, wireless transmitters, motion detectors, outdoor load control and other devices for specialty applications.

RCS offers Z-Wave communicating thermostats with 2 different interfaces. Both allow 2-way communication with the IES touchscreen for control of temperature, fan control and temperature modes. Setpoints and mode can be adjusted via scheduling.

HAI’s line of Z-wave enabled thermostats provide 2-way communication and feedback allowing the user to see temperatures, change fan operation and change modes. Temperature control can be included in time based schedules to save energy without sacrificing comfort.

Wayne Dalton is known for elegant garage doors and secure, reliable garage door openers. They are a leading manufacturer of Z-Wave products which link the car to the home. The Wireless Home Gateway provides secure access control from a car visor, handheld remote, or wall mounted pin pad.

ESI manufactures low voltage and 110VAC interfaces for window treatment control via Z-Wave technology. These interfaces allow an IES touch screen user to manually control a treatment, send scene commands or set schedules.

The IES touch screen provides the user control of the key systems in the house; however, what about when the customer is not home? Hawking Technology provides remote access over the Internet and provides device control via a standard web site. A camera can be integrated in addition to control of lighting, HVAC and window treatments.
Front

Side

3.6"

Cat 5 Wire

Serial Interface*

Power Supply

* Included in the IESETZWACCKIT Kit

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