



Computex 2017

30th May to 3rd June

Taipei Nangang Exhibition Center

Hall 1 Stand N1221

Bridgetek Set to Transform Home & Building Automation Sector through Simultaneous Control of Multiple Systems

8th May 2017 - Bridgetek will be showcasing its innovative and rapidly expanding PanL home/building automation offering at Computex 2017. Visitors to the event are going to be able to see hands-on demonstrations of the flagship iHome platform. Through this innovation it is finally possible for users to operate different heating, lighting, air conditioning and security systems within their living spaces via a single, convenient and highly intuitive control unit.

Employing Bridgetek's sophisticated semiconductor technology, and featuring a touch-enabled 7-inch TFT display, iHome supports an extensive array of wireless and wireline connectivity protocols - including Bluetooth Low Energy (BLE) 4.2, Wi-Fi (802.11 b/g/n), Zigbee and PoE-enabled Ethernet (100Base-T). Through these it has the ability to communicate with multiple systems. As a result there is no longer the issue of having distinctive control technologies from multiple manufacturers each requiring their own specific apps. This significantly streamlines the automation process, providing users with centralized control of these functions rather than the complexity of separate stand-alone controls for each.

There is also the PanL 35 product, which is targeted at building automation and hospitality markets. For easy implementation, each unit is supplied in a metal case that plugs directly into standard light switch fitting. In addition to its advanced human machine interface (HMI) and processing technology, there is provision for numerous other items of hardware to be incorporated - such as a camera, speaker and microphone, plus temperature, humidity, ambient light and passive infrared (PIR) movement sensors. Thanks to the PanL Hub, up to 8 of these units can be networked together through Ethernet connections. Among the envisaged applications for PanL 35 are door entry mechanisms and control systems in hotel rooms.

About Bridgetek

Founded in 2016, Bridgetek supplies highly advanced ICs and board level products to meet the exacting demands of a constantly evolving global technology landscape. The company's Embedded Video Engine (EVE) graphic controller ICs each integrate display, audio and touch functionality onto a single chip, thereby dramatically reducing in the time period and bill-of-materials costs associated with developing next generation Human Machine Interface (HMI) systems. These are complemented by its highly-differentiated, speed-optimised microcontroller units (MCUs) with augmented connectivity features.

For more information go to <http://www.brtchip.com>

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