For Immediate Release

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Fourteen new Bricklets along with accessories in one fell swoop

Stukenbrock, November 27th 2013 - Tinkerforge makes fourteen new Bricklets along with accessories available at once. The Bricklets cover multiple applications, such as home automation, robotic and human-machine applications. They can be controlled with the high-level languages C/C++, C#, Java, PHP, .NET and many more. With the new Bricklets Tinkerforge is reacting to customer wishes. The capability of the system of building blocks is expanded greatly to allow simpler and faster realization of projects.

The modular system of building blocks from Tinkerforge consists of sensor-, actor- and motor-control modules that can be plugged together and controlled by an (embedded) PC, tablet or smart phone. It is possible to program the modules with an intuitive and easy-to-use API by programming languages such as C, C++, C#, Delphi, Java, PHP, Python, Ruby and .NET languages. Also a direct control over TCP/IP is possible. The modules can be connected and interconnected over Wi-Fi, USB, RS485 (Modbus) and Ethernet.

To extend the system of building blocks even further, Tinkerforge developed fourteen new Bricklets. Customers provided valuable support during the development process. One of the new Bricklets is the Remote Bricklet. It is equipped with a powerful 433MHz transceiver and it can be used to control remote mains switches and dimmer. The utilized transceiver supports multiple modulation types and it will also be used to support other 433MHz devices in the future.

Another new module is the LED Strip Bricklet. It can control up to 320 RGB LEDs in the form of LED strips as well as LED pixels with an update rate of up to 100Hz. More new modules are: Multi Touch Bricklet for the development of capacitive touch sensors, Moisture Bricklet for monitoring of soil-moisture as well as multiple sensor Bricklets that can measure distance, sound intensity and magnetic fields.

The new Bricklets are as of now available in the Tinkerforge shop (https://www.tinkerforge.com/en/shop/bricklets.html). Introductory prices are available until December 8th 2013.

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Links to new modules

- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Distance_US.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Dual_Button.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Hall_Effect.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/LED_Strip.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Line.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Moisture.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Motion_Detector.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Multi_Touch.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Piezo_Speaker.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Remote_Switch.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Rotary_Encoder.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Segment_Display_4x7.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Sound_Intensity.html
- http://www.tinkerforge.com/en/doc/Hardware/Bricklets/Tilt.html