For Immediate Release

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Date: April 22th 2013

Learning to program with the „Starter Kit: Weather Station"

Stukenbrock, April 22th 2013 - With the new open source „Starter Kit: Weather Station" learning to program is becoming exciting. A programming beginner can reach the goal of building a fully-fledged weather station with easy to understand step-by-step instructions. Compared to conventional weather stations it is possible to define the behavior yourself. This makes unusual applications possible, such as showing weather measurements on a homepage or in the context of the „Internet of the Things". Upgrading the hardware is possible too.

The modular system of building blocks from Tinkerforge consist of sensors and motor controlers 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 or .NET languages. Also a direct control over TCP/IP is possible. The modules can be interconnected over Wi-Fi, USB, RS485 (Modbus) and soon also over Ethernet.

The building blocks were awarded the „CHIP AWARD for Product of the Year 2012".

To learn a new programming language by reimplementing an example that outputs something on the monitor is boring. Tinkerforge wants to make learning to program more exciting by a series of different Starter Kits. Step-by-step instructions in the different programming languages simplify the beginnings and they are simultaneously starting points for further development.

The case of the weather station is made from tinker-friendly plastics and it has additional mounting holes. These make it possible to extend the weather station by other modules, such as a WIFI Extension that can connect the weather station to the local Wi-Fi. It is also possible to mount custom hardware. Tinkerers can add other weather measurement sensors this way, such as anemo- or pluviometers.

The weather station is available in two different cases (black and transparent) for the introductory price of 99,99€.

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