For Immediate Release

Contact: Tinkerforge GmbH
Römerstr. 18
33758 Stukenbrock
Germany

info@tinkerforge.com

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Tailor-made Server Room Monitoring over Ethernet

Stukenbrock, Semptember 25th 2013 - The "Starter Kit: Server Room Monitoring" is the solution for personalized server room monitoring. The 19" rack kit is equipped with modules to monitor temperatures and illumination in server rooms. It can also be used as a base for other monitoring tasks. All of the Tinkerforge building blocks can be used to extend the kit. The modules can be read out over Ethernet. A powerful API is available in many programming languages, direct control over TCP/IP is possible too. Integrating the kit in many different applications is easy. The documentation has examples for control tasks with bash scripts and for the integration in Nagios/Icinga.

The monitoring of IT in companies is necessary to prevent outages and associated costs. The are many different monitoring solutions on the market, but most of them can not be customized to the requirements of the customers.

The Starter Kit: Server Room Monitoring offers the possibility to build personalized monitoring solutions. The case of the kit can be mounted in a 19" rack, it is one height unit (1U) high. Several of the Tinkerforge modules are integrated in the case. A Temperature Bricklet is used to measure the temperature in the rack and a PTC Bricklet is used to measure temperature with a Pt100 temperature sensor at a chosen point. An Ambient Light Bricklet is mounted to the frond side of the case and can measure the light intensity in the server room.

Mounting additional Tinkerforge building blocks is possible. For example, a customer can integrate displays, motion detectors, motor controllers or different modules for in-/output. With the help of these extensions everyone can make their own flexible monitoring solutions.

The Tinkerforge building blocks can be read out and controlled with a powerful API. This allows the integration into in-house and external applications. The API is available in C, C++, C#, Delphi, Java, PHP, Python, Ruby, Shell and VB.NET, it allows a direct access over Ethernet to the modules. The comprehensive documentation of the kit contains example plugins for the monitoring tools Nagios and Icinga. Administrators can use these examples directly or adapt them according to their needs.

Power can be supplied by USB or Power-over-Ethernet (PoE). The latter conforms to the IEEE 802.3af Standard (PD Class 0).

The Starter Kit: Server Room Monitoring is as of now available in the Tinkerforge shop (http://www.tinkerforge.com/en/shop/starter-kit-server-room-monitoring). The introductory price of 129.99€ is available until October 15th 2013.

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