

Data acquisition systems USB-AD, USB-PIO: Where is the measurement device?

Date: 01-29-2008 07:33 PM CET

Category: [Industry, Real Estate & Construction](#)

Press release from: [BMC Messsysteme GmbH \(bmcm\)](#)



What some might consider as an incomplete delivery is the real clou: Customers, who order a USB device at bmcm for analog or digital measurement data acquisition, receive a red USB cable with an attached 25- or 37-pole Sub-D connector. That's supposed to be all? No, of course not! A "Software Collection" CD is included as well.

Everybody who is not discouraged until now, and connects the USB cable to the PC, will see that into the red plastic housing of the Sub-D connector highly compressed measurement technology has been put: the USB data acquisition system.

Two types of the measurement devices in plug housing are available: With the USB-AD up to 16 analog signals can be sampled in the +/-5V measuring range with 12Bit resolution. In addition, one analog output and four digital inputs and outputs each are provided.

For exclusively digital applications the USB-PIO features 24 digital lines, which are switched between input and output in groups of 8.

With the USB measurement systems USB-AD and USB-PIO BMC Messsysteme GmbH (bmcm) managed to create an extremely space-saving device perfectly suitable for mobile data acquisition via USB at a labtop. Of course, the devices provide USB-specific features like "Plug&Play" and "Hot Pluggable".

Included for free is the software NextView 4 Live! for Windows 2000/XP/Vista to visualize signals directly at the PC and test the complete functional range of the devices.

(--> www.bmcm.de/us/pr-nv4-live.html)

However, the use of the USB systems is still not at the end. The operation and free programming of the USB-AD and the USB-PIO is possible under Mac OS X and Unix (FreeBSD, Linux), too.

USB-AD und USB-PIO are unrivaled - not just because of their size: unbeatable as well is their price. Further information can be found on the web at www.usb-ad.de and www.usb-pio.de .

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*** About BMC Messsysteme GmbH (bmcm) ***

BMC Messsysteme GmbH was founded in 1994 as an independent corporation with headquarters in Maisach, app. 30 km west of Munich. Until today this autonomy could be kept, so that any affiliation to a business group never existed and is not intended for the future. bmcm is one of the only German companies that completely develops and produces all products in Germany, which means quality "made in Germany" at an excellent price/performance ratio.

BMC Messsysteme GmbH serves two business areas:

* Measuring components and PC measurement technology *

This comprises a wide range of connection systems, measuring amplifiers, data acquisition systems, data loggers and the appropriate software.

www.bmcm.de/us/prgr-products.html

* D2M (Design to Manufacturing) and OEM products *

BMC Messsysteme GmbH develops and produces electronic components according to customer specifications.

www.bmcm.de/us/co-d2m.html

You will receive high-quality products manufactured already since the beginning of 2006 according to the RoHS directive. Of course, the corresponding documentation and CE test is always included.

A German documentation is obligatory for us, as well as an English description to be available to our international customers.

[You can find this press release here](#)