PRESS RELEASE

Flexible Control Reduces Costs

Scan system control board with Ethernet interface for simpler industrial connectivity

Puchheim, Germany, May 21, 2015 – As the leading OEM supplier of scan systems, SCANLAB AG is adding an Ethernet-based product to its proven lineup of RTC controller boards. The new board allows laser-marking-system producers in particular to profit from significantly lowered manufacturing costs for individual workstations, while also providing users with straightforward industrial connectivity.

SCANLAB's field-proven RTC 4 PCI control boards enjoy considerable market success – as evidenced by over 20,000 units sold since product introduction. Core standard features include 16-bit position resolution and support for the widely used XY2-100 standard / enhanced protocol. The latter allows flexible control of scan systems from diverse manufacturers. Optional functionality can be activated for controlling a third axis (3D), processing moving objects (processing-on-the-fly) or simultaneously controlling two scan heads.

The RTC4 product family now gets a new member: the fully industry-suited RTC 4 Ethernet. This new control board extends proven functionality through real-world advantages. Unlike the USB-based RTC 4 *SCAN*alone board driver installation isn't needed anymore and direct network connectivity eliminates cable-length restrictions.

Savings Potential for Laser Marking Systems

By placing this new control board in their laser marking machines, system manufacturers can obtain a major cost advantage. A machine's design no longer requires fixed integration of an industrial PC, which in turn reduces system size and thus lowers shipping and logistics costs too. Control and operation are carried out flexibly over the Ethernet. This allows customers to further automate production, and spatially decouples the processing itself from the control of those processes.

The RTC 4 Ethernet board offers the same add-on options as the RTC 4 PCI board. Multiple Ethernet boards and scan systems can be connected to a network.

Print-quality images can be downloaded at
http://www.scanlab.de/en/_/Archive/Image_Library

Current SCANLAB Event Calendar:
LASER World of PHOTONICS, June 22-25, 2015 in Munich, Germany,
Hall A2 - Booth 322.

About SCANLAB:
With over 20,000 systems produced annually, SCANLAB AG is the world-leading and independent OEM manufacturer of scan solutions for deflecting and positioning laser beams in three dimensions. Its exceptionally fast and precise high-performance galvanometer scanners, scan heads and scan systems find application in industrial materials processing and the electronics, food and beverage industries, as well as biotech and medical technology.
For 25 years, SCANLAB has secured its international technology leadership through pioneering developments in electronics, mechanics, optics and software, as well as the highest quality standards.

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