

Juni 06

RLC-USB/RLC-PCI – Accurate control at a competitive price

At the Laser 2005 exhibition, RAYLASE presented two new control cards for controlling lasers and deflection units. The RLC-USB and RLC-PCI have been developed for use in areas that demand optimum performance but do not require the special applications that are offered by the successfully established SP-ICE card. The cards are now available in the market and provide a comprehensive performance package at a competitive price.

Extremely accurate and flexible to use, the two cards can easily be integrated into existing systems. The RLC-USB and RLC-PCI control cards allow precise synchronization of scanner movement and laser control. A dual buffer memory guarantees simultaneous processing of vectors and loading of new vectors. Thanks to the integrated DLL driver software, users can integrate the control cards into their customized software with no problems. The RLC-PCI card can be installed in any desktop computer with no trouble. The USB version of the card is connected to a PC externally via the USB interface. Despite their low price, the cards are fast and accurate. The output intervals to the deflection unit and to the laser are scalable with a resolution of $<1\mu\text{s}$.

Published by:

RAYLASE AG

Argelsrieder Feld 2+4

D-82234 Wessling

Tel.: +49 (0) 8153-88 98-0

Fax: +49 (0) 8153-88 98-10

info@raylase.de

www.raylase.de

RAYLASE AG is a world-wide, trend-setting enterprise that develops modular components and assemblies to deflect and modulate laser beams and sells these internationally. Since its foundation in April 1999, RAYLASE has been facing the challenges in this field and supplying the market with innovative solutions. A global network of experienced specialists, external advisers, research and development facilities guarantee customers a range of products and services to the highest international standards.