

# Press Release

## Photonic Solutions introduce the LIC506 Laser Interlock Controller for failsafe access control

**Edinburgh, 19 August 2010**

Newly designed for 2010, Photonic Solutions' LIC506 Laser Interlock Control System is a flexible, failsafe method of controlling access to areas where a laser hazard may exist. The system is ideally suited for use with lasers of any power or type.

The LIC506 system employs a security keypad entry system and interlocked doors to ensure only authorised users can gain access where laser radiation or high voltage hazards may exist. Up to four individual entry points can be monitored by a single system, each with security keypad entry panel and press to exit panel, mechanical door switches and illuminated laser warning signs.

Designed with a number of safety features, systems are supplied in kit form to enable the user to configure the system according to the design of their laser areas. The kit allows up to 3 laser warning lights to be operated and fails to open circuit (safe condition). The LIC506 may also be configured as locking or non-locking type of laser interlock system.

Key features include:

- Isolated control of up to 6 lasers
- Internal over-ride facility for exit with audible warning
- "Daisy Chain" configurations available
- Can be connected to external shutters or interlock controllers



**For Immediate Release**

- State of the art force guided relays for all critical safety outputs
- Double contact/redundant contacts for laser outputs
- System integrity checking—weld detection circuitry and warning system
- Master Keyswitch control

The LICS06 and all peripherals are designed with strict safety principles, and all in accordance to applicable European safety standards required for the use of potentially hazardous laser systems.

For more information on the new LICS06 Laser Interlock Controller please contact Photonic Solutions or visit our website [www.photonicsolutions.co.uk](http://www.photonicsolutions.co.uk).

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