



**GNS Associates Pty Ltd**

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# ***Level Crossing Protection System***

**TYPE ELS - 6007**

- » **Full turnkey system**
- » **Versatile and economical**
- » **Self-monitoring and reporting**
- » **Engineered for safety and reliability**
- » **Wide range of options**



## ELS-6007 Level Crossing Protection System

THERE ARE CURRENTLY many thousands of "passive" level crossings in Australia having no automatic means of indicating the approach of a train. Many of these are in situations where an improved level of protection is highly desirable, but the upgrading work is either delayed or severely limited by financial constraints.

The ELS-6007 system has been developed in response to such needs. Based on an intelligent mix of modern technology, innovative design and proven safeworking principles, the system combines low installation and maintenance costs with very high levels of flexibility, integrity, and reliability.

ELS-6007 is a turnkey system that operates independently of all other power, control, and signalling systems. However, it is readily interfaced with existing infrastructure, should this be required.

Although the system has been designed specifically for crossings with low-medium traffic volumes, it is also suitable for progressive on-site enhancement to suit virtually all levels of utilisation of the rail and road corridors.

### SOME FEATURES

- train detection system with speed-sensing;
- integrated multi-lantern signal heads;
- automatic dimming for night operation;
- programmable audible alarm;
- healthy-state indicators;
- handheld remote-test facility;
- self-diagnostic features;
- low installation and maintenance costs;
- powerful central monitoring system *ELSIEMON v1.0*;
- flexible communications system;
- multi-choice power supplies.



### SOME OPTIONS

- wireless train-detection system<sup>1</sup>;
- choice of red or amber lanterns with corresponding STOP/GIVE WAY signage;
- bells and other alternative audible alarms available;
- surveillance TV camera with video communications<sup>1</sup>;
- software for the central monitoring system includes customised site and area maps and other user-specified features.



<sup>1</sup> Currently under development.

### INQUIRIES

For a detailed technical bulletin and all further inquiries please contact us:

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