



Wireless Level Crossing Protection System

Features

- Low Cost Wireless Level Crossing Protection System ideal for installation into remote locations with little or no infrastructure
- Supports one or two track operation
- Solar and Battery Powered with dual power supplies elements
- Aldridge WLX Controller provides the detection, communications, control and back to base communications functions
- Aldridge dual head Wheel sensor provides reliable wheel flange detection
- Aldridge WLX Server provides Web based management and monitoring of multiple WLX Systems
- Utilises high gain 3G/4G Antenna array for reliable back to base communications
- Easy to install, supplied from factory pre-assembled and tested, no trenching of cables, can be installed and commissioned in less than 5 days
- Low operating and maintenance costs
- Scalable system with multiple warning signs and wireless Repeaters for difficult topology and long-range strike-in
- Fail Safe Operation
- SIL3 performance
- Resilient to harsh environments, stainless steel cabinets, sunshields available
- Designed and manufactured in Australia by Aldridge Rail





Slave Strike-In



Repeater



Slave Warning



Wheel Sensor

