



## Speed Zone

CE 2004/108/EC  
2011/65/EU  
EN 50498:2010

### What is Speed Zone?

The Transmon Engineering Speed Zone System offers safe speeds in designated areas whilst keeping productivity at a maximum in lower risk areas. Each gate or exit has a fixed transmitter, which can be fitted in various configurations depending on the site requirements.

Each truck has a receiver which can trigger additional functionality when it passes a transmitter - when the truck enters a zoned area, the system automatically switches to controlled operation, and switches back automatically to normal operation when the truck leaves again. In case of faults or tampering, the system can be programmed to default to slow speed.

### System Operation:

Two wires are installed into the floor of the desired entrance or exit, and connected to our wall mounted controller. The order in which these are detected by the receiver system installed on each truck determines in which direction the truck is travelling, and therefore which speed it is allowed to travel at. The system can be wired to out iTech Control, iTech Speed or, if fitted a built-in speed limiter or Vehicle Management System / Engine Management Controller.

If speed reduction is not required then warning devices such as beacons or alarms can be triggered instead. When the truck detects that it has entered a high speed zone, the dash mounted indicator shows YELLOW and the operator is able to select a high speed via a dash mounted push button. When in high speed the dash mounted indicator shows RED. In this area, the operator has the ability to manually toggle high/low speed at any time. When the truck detects that it has entered a low speed zone, the dash indicator shows GREEN and the truck defaults to low speed, automatically slowing down.



### FEATURES

- Can be fitted to any vehicle
- Defined zone areas
- Tamper-proof
- Robust design
- Easily extended to additional areas
- Can be interfaced with iTech Control / iTech Speed

### BENEFITS

- Increase site safety
- For use on any machine
- Automatic enforcement of speed limits
- Reduce damage



Transmon Engineering Limited  
2a The Half Croft  
Syston  
Leicester  
LE7 1LD



Contact us:  
Phone : 0116 2604200  
Email: sales@transmon.co.uk  
Web: www.transmon.co.uk  
Twitter: @Transmonuk  
LinkedIn:  
Facebook: