

“Blocking Back” Vehicle Activated Sign



- Reduce accidents and near misses at level crossings
- Interactive operation guarantees increased awareness of hazard
- Wireless data transfer minimises site works and interference with rail infrastructure
- Optical performance to BS12966 and TR2516
- Provides a visual and audible alert to local signal box

With advances in technology, innovative safety products are becoming more intelligent and cost effective but most importantly they are improving road safety. Dorman Varitext has developed the Blocking Back warning system to warn drivers approaching a level crossing when the exit from the crossing is at risk of being blocked.

The system monitors the approach to the level crossing using automated vehicle detection, and “alerts” a Variable Message Sign on the opposite side of the level crossing when vehicles are detected moving slowly or stationary at a pre-determined proximity to the crossing. When this occurs, the Variable Message Sign illuminates to warn approaching vehicles that the exit from the level crossing may be blocked.

System integrity is monitored and maintained using internal fault reporting for detection of component, system or power failure. On detection of a fault, an alert is sent to the signal box, control room (or designated office), or mobile phone via GSM transmission and/or digital audio announcement. This will allow maintenance to be scheduled at a level appropriate to the level of fault reported.

Using Dorman Varitext technology and with a variety of sign sizes, displays and power supplies available, Dorman Varitext can provide the ideal solution to your scheme.

SIGN FACE SPECIFICATION

TYPICAL DISPLAY FACE	Vehicle Activated Traffic Calming Sign, Diagram ref. 562, 600mm legend size, complete with KEEP CROSSING CLEAR text beneath.
MODEL REF.	VATCS/562/600/KCC
DISPLAY TECHNOLOGY	High intensity LED
DISPLAY FORMAT	The sign face is made up of a pixilated legend of ultra bright LEDs.
VEHICLE DETECTION	Inductive Loops
DIMENSIONS (Indicative) in mm	Height :1368 Width : 1036 Depth : 90
EXTERNAL POWER SUPPLY	230-240V AC Standard Mains
ENCLOSURE	Purpose fabricated lightweight vandal resistant enclosure, black paint finish.
WEIGHT	Approximately 48KG
WINDOW	4mm vandal resistant polycarbonate
MECHANICAL INTERFACE	Post mounting at rear, sign fix channel. Access from the front hinged door.
ELECTRICAL INTERFACE	All terminations internal to the display are made through weatherproof connection glands for power supply and detector inputs.
IP RATING:	IP65

Available from:

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