

Nortech Control Systems, a UK-based developer of access controls, have designed a new range of enhanced vehicle detectors that can be set up using a smartphone application and can identify the presence of vehicles through an inductive loop buried beneath a road surface.



Nortech's latest detectors boast many new features to improve performance and reliability, and are backed up with a compact diagnostic unit that links to a smartphone app to enable quick and easy detector setup and comprehensive loop fault analysis.

The enhanced single and dual channel detectors which make up the 7-Series offer attractive options. The compact DU700 diagnostic unit, for example, simply clicks into place on the front of a 7-Series detector and collects diagnostic data and sends it via a Bluetooth link to the diagnostic app running on a smart device.

The use of automatic frequency selection allows a 7-Series detector to automatically select the best frequency setting to minimise noise and maximise signal strength, avoiding the need to experiment with frequency settings. This saves costs through reduced installation time and increased reliability. A built-in anti-locking feature ensures quick recovery between each vehicle to prevent the detector becoming stuck in the detect stage, avoiding the need for an engineer to carry out a manual reset.

A key benefit of the 7-Series range is their fast recovery time between one vehicle and the next, which enables them to respond quicker to reduce the possibility of tailgating and lost revenue, and increase the level of security.

The DU Diagnostics App supplied free for Apple or Android devices is used to communicate with the DU700 and display the acquired data, such as: loop excitation frequency, loop frequency drift, minimum and maximum level detection, and detector DIP switch configuration.