

TimeTec Inductive Loop Detector LD-02

Intelligent, simple, compact



Loop detectors are used to activate barriers, open gates, control traffic and monitor car parks for stationary or slow-moving vehicles.

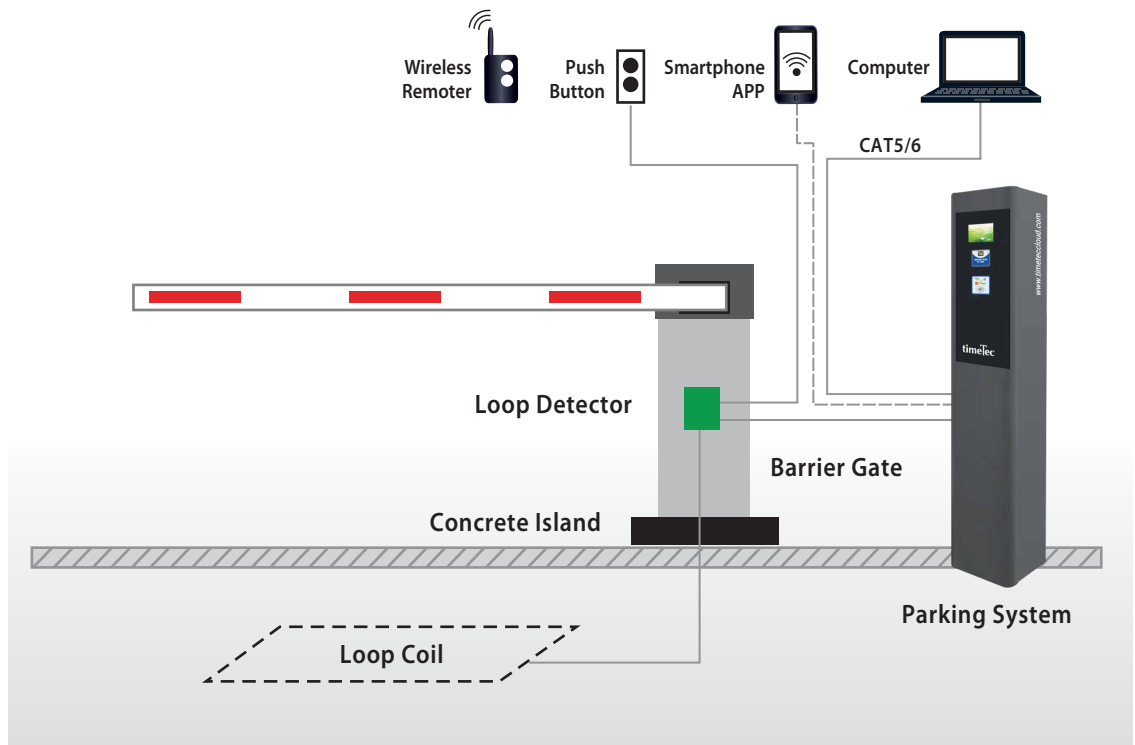
They detect all metallic vehicles, from bicycles to low-bed trailers. As soon as a vehicle drives over the induction loop laid in the ground, the loop's resonance frequency changes. The detector reliably evaluates every change in frequency immediately and issues the pulse to open the gate or activate the parking system.

TimeTec Loop Detector LD-02 is a single channel loop detector. The principle is based on a change in the inductance with the loop which is caused by the metallic component of passing vehicles which are picked up & evaluated by a microprocessor.

- Minimal start-up time thanks to simple programming and simulation capability.
- Multitude of functions and flexible settings.
- High operational safety also at power failure lasting for days Easy and self-explanatory operation.
- Automatic measurement and display of the loop inductivity Immediate fault detection on the illuminated LCD display.
- The opening and closing of barriers at entrances and exits of parking installations Activation of parking ticket machines.
- For displaying occupancy in car parks.
- The opening pulse of the barrier can also be used for counting.



SYSTEM DIAGRAM

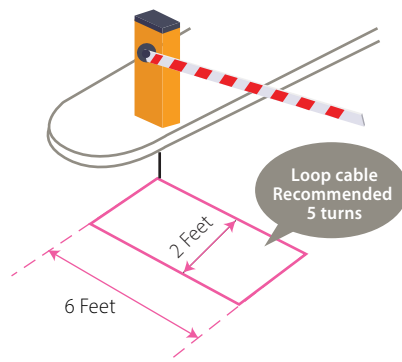


SPECIFICATIONS

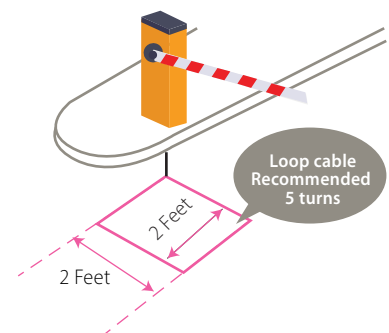


Supply voltage	AC220-240V±5%
Operating temperature	-35°C to +65°C
Inductance of loop	50-1000μH, recommend:120~ 300μH
Dimensions	75(L) × 45(W)×117(H)mm;
Response time	<100ms;
Output	2 output relays: 6-common signal, 5-normally open signal, 10-normally close signal are a group of presence signals; 4-common signal,3-normally open signal,11-normally close signal are a group of pulse signals,the pulse signal can be changed to presence signal through dialing switch 7).

Car Lane (4-4.5 meter)



Motor Lane (1.5 meter)



Authorized Reseller: