

## DS-TMG022 Coil Vehicle Detector



- Including 2 inputs of inductive loops
- Recognizes vehicles of more than two wheels
- Detects traffic events including forward/wrong-way driving and speeding
- Accepts traffic lights connection to upload light status
- Fault detection to output operating status of loops and traffic light detector
- Supports voltage surge protection

## ▪ Specification

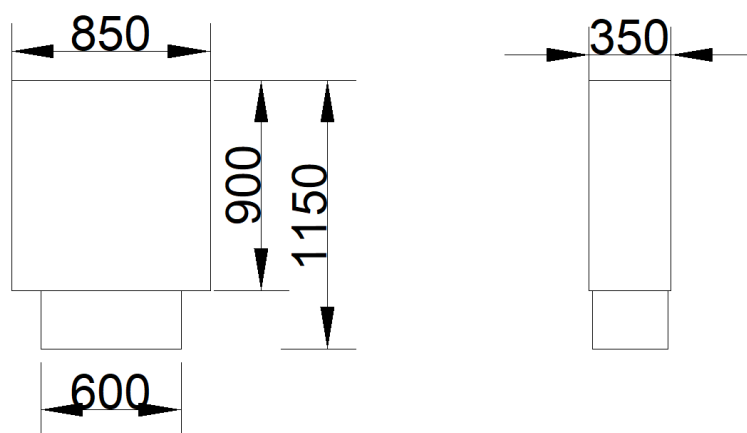
Vehicle Detector	
Inductance Self-Tuned Range	20 to 1000 $\mu$ H
Fastest Response Time	3.5 ms
Loop Fault Self-Recovery	The detector can resume detecting automatically after loop failures are removed
Loop Fault Recovery Time	$\leq 100$ ms
Loop Fault Detection Cycle	$\leq 10$ ms
Vehicle Detection Rate	$\geq 99\%$
Max. Response Time	32 $\pm$ 2ms
Output Port	2 relay output, VDRM 70 V, max. current 30 mA
Sensitivity	0.02% to 0.96%, 4 levels adjustable (- $\Delta$ L/L)
General	
Working Temperature and Humidity	-30 $^{\circ}$ C to +70 $^{\circ}$ C (-31 $^{\circ}$ F to 167 $^{\circ}$ F), < 90%, non-condensing
Power Supply	DS-TMG022(110V): 88 to 132 VAC, 50 to 60 Hz DS-TMG022(220V): 176 to 264 VAC, 50 to 60 Hz
Power Consumption	$\leq 3$ W
Dimensions	105 $\times$ 88 $\times$ 40 mm (4.1 $\times$ 3.5 $\times$ 1.6 inch)
Weight	0.5 kg (1.1 lb.)
Weight (with Package)	0.8 kg (1.76 lb.)
Dimensions (with Package)	150 $\times$ 150 $\times$ 80 mm (5.9 $\times$ 5.9 $\times$ 3.2 inch)

## ▪ Available Model

DS-TMG022

DS-TMG022(110V)

## ▪ Dimension



## ▪ Accessory



DS-TMG300-D



DS-TMG521



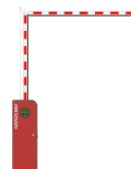
DS-TMG420/A



DS-TMG520/A/B



DS-TMG423



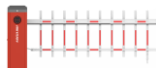
DS-TMG421/B



DS-TMG300-D/A



DS-TMG520#EU



DS-TMG523/B



DS-TMG420/A/B



DS-TMG301-D



DS-TMG300-D/A/B



DS-TMG421



DS-TMG521/B



DS-TMG423/B



DS-TMG520



DS-TMG420#EU



DS-TMG420

# See Far, Go Further



[www.hikvision.com](http://www.hikvision.com)  
[support@hikvision.com](mailto:support@hikvision.com)

