



OBJECT DETECTION MADE EASY FOR VEHICLE ACCESS CONTROL **RADAR DETECTORS**

In the vehicle access control system, what choices do we have for object detection?

As an important part of vehicle access system, object detection is commonly required to detect vehicles and pedestrians, and then link to camera for license plate recognition or barrier gate control.

TRADITIONAL SOLUTION

LOOP DETECTOR & INFRARED DETECTOR

In a traditional solution, loop detectors and Infrared detectors are commonly used to detect vehicles and pedestrians.



LOOP DETECTORS

- High cost during installation to cut and recover the pavement
- High cost of maintenance because loops need to be replaced about every two years
- Many scenes are not suitable to install loops, where heavy-current cables, optical cables, water and gas pipelines are beneath the pavement



INFRARED DETECTORS

Infrared detector must be installed in pairs at both sides of the entrance. It has poor adaptability and is susceptible to interference, such as dash and falling leaves.



- Difficult to install
- High maintenance cost
- Damage to the pavement
- Poor adaptability
- High false alarm rate

RADAR DETECTOR SOLUTION

EASY OBJECT DETECTION

What new products have been applied?



IMPRESSIVE PERFORMANCE

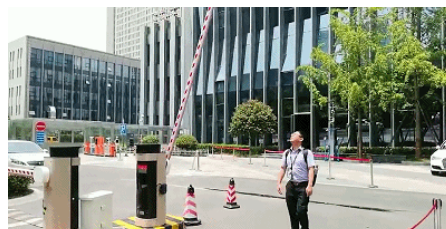
- Trigger radar can detect vehicles accurately
- Anti-fall radar can detect vehicles, non-motorized vehicle and pedestrians, and protect them from being hit by the barrier gate



Vehicle detection



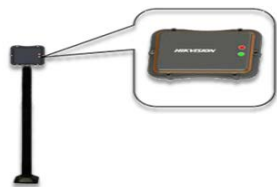
Non-motorized vehicle detection



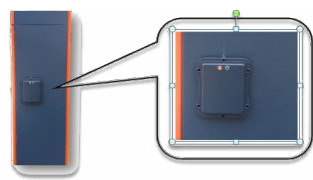
Pedestrian detection

EASY INSTALLATION & HIGH RELIABILITY

- Side-mounted, highly adaptable and reliable with scene self-learning
- Based on microwave high-precision positioning technology with lower false alarm rate



Trigger radar for vehicle detection



Anti-fall radar for vehicles, non-motorized vehicles and pedestrian detection

Available Models (Sold in Asia BU & India BU)

Name	Model	Description
Trigger radar	DS-TMG033 (Trigger Radar)	2.4 GHz MMIC Relay output Vehicle detection
Anti-fall radar	DS-TMG033 (Anti-fall radar)	2.4 GHz MMIC Relay output Vehicle and pedestrian detection



OBJECT DETECTION MADE EASY FOR VEHICLE ACCESS CONTROL RADAR DETECTORS

Distributed by



HIKVISION®

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com

Follow us on social media to get the latest product and solution information

