



Wedge

Number Plate Capture



REG Wedge is the complete solution for consistent, reliable number plate capture. The unit combines the latest camera, optics, illumination and filter technology to provide clear images of number plates in both day and night conditions, at distances of up to 12

metres - all in a low profile, vandal resistant wedge housing, specifically designed for internal applications including underground car parks, garages etc.

Derwent, through its unique combination of camera and IR technology has overcome the many problems associated with accurate number plate capture. REG overcomes all issues related to speed, daytime highlights, reflectivity of number plate, accurate focus during the day and night, car headlights etc.

REG is a fully integrated system which captures number plates 24 hours a day, whatever the weather conditions and is designed to ensure maximum ease of installation and immediate results. Low maintenance and excellent reliability are assured with REG Wedge.

REG Wedge has been specifically designed for internal applications in underground car parks, garages and other applications which require a low profile, vandal resistant unit.

REG has been designed to work on a stand-alone basis with VCR or Digital Recorders or ANPR software.

Design:

Number Plate Capture
Internal

24 hour coverage

Long Life

Up to 12 metres

Ceiling Mount/Vandal
Resistant

Use with VCR or DVR or
ANPR
software

Applications:

Entry/Exit

Access Control

Car Parks

Toll Booths

Airports

Hotels



Dusk - headlights on



Night-time - headlights on



Number Plate Capture
7 & 12 metre versions

Ceiling Mount
Internal Applications
Wedge Housing

Combined camera &
matched IR lighting

No focus shift between
daytime & IR operation

Discreet, Compact
Vandal Resistant

Hi-Resolution Ex-view
Camera

24 Hour - No other
illumination required

High reliability - low
maintenance system

Average life of illuminator
> 5 years

Derwent provide
dedicated technical
support & can provide
specific advice on your
application



Wedge



Note:

REG is calibrated to ensure maximum accuracy and capture. Please ensure the target number plate is within the maximum distance quoted for the REG product used. Please ensure mounting height and horizontal distance are accurately measured and the target distance calculated.

REG is designed to work with UK number plates which are retro-reflective. Most European number plates are retro-reflective but vary in size. Please refer to Derwent for advice.

REG must be located at an incident angle to the numberplate of less than 35° to ensure sufficient Infra-Red is reflected back to the camera.

Camera

Sensor	1/2"Ex-view sensor
Resolution	High Resolution 570 TVL
Construction	Robust aluminium casting & extrusion
Environmental	Internal or sheltered use only
Weight	8.4kg
Consumption	0.92A @ 24 VAC = 22 Watts
IR Life	> 5 year life
Colour	REG is available in traffic yellow (RAL1023) and grey as standard - other RAL colours available to order. For grey insert G at the end of product code, For yellow insert Y at the end of product code

Bracketry

REG Wedge is designed to be ceiling mounted and is not supplied with any bracketry options.

Codes & Description

REG WDG 07Y	Reg Wedge 7 metre capture, yellow
REG WDG 07G	Reg Wedge 7 metre capture, d. grey
REG WDG 12Y	Reg Wedge 12 metre capture, yellow
REG WDG 12G	Reg Wedge 12 metre capture, d. grey

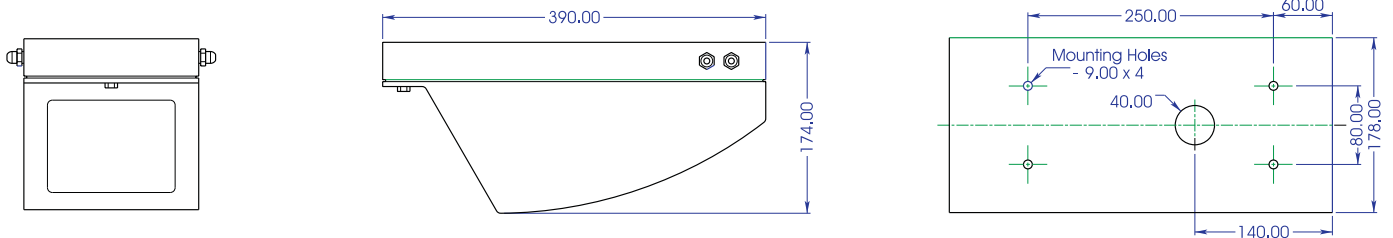
Power Supply Specification

REG Wedge is available in either 230V AC or 24V AC. Please refer to Derwent.

General Note on Number Plates

All the distances quoted on this document refer to standard UK number plates which are retro-reflective. The distances for other nationality plates may differ according to the size and reflectivity of the plate - Derwent will be happy to advise on the suitability of REG for your specific scheme.

The subject of number plate capture is complex and requires a matched, system approach to achieve the quoted results. All the components of REG are selected to ensure compatibility and to provide the highest quality images.



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In view of company policy of continuous product development the specifications may be changed without notice.