



Number Plate Capture



REG 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 up to 35 metres.

Derwent, through its unique combination of camera and IR technology have 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. Camera, lamp, special PSU and bracketry are all included - to ensure maximum ease of installation and immediate results. Low maintenance and excellent reliability are assured with REG delivering average illuminator life of up to 10 years depending on distances required.

Applications include motorways, car parks, access control, toll booths, airports, hotels, congestion monitoring, private estates etc.

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

Design:

- Number Plate Capture
- External
- 24 hour coverage
- Long Life, Up to 35 metres
- Use with VCR or DVR

Applications:

- Entry/Exit, Access Control
- Car Parks, Toll Booths
- Airports
- Hotels
- Police/Govn



Daytime - Headlights on

- Number Plate Capture
- Up to 35 metres
- Easy to install
- “Plug & Play”
- Fit & Forget
- Combined Camera & Matched IR Lighting
- No focus shift between daytime & IR operation
- Discreet, compact design
- Integral bracketry & cable management
- Hi-Resolution Ex-view Camera
- 24 Hour - no other illumination required
- High reliability - low maintenance system
- Average life of illuminator up to 10 years
- Derwent provide dedicated technical support & can provide specific advice on your application



Number Plate Capture



Distance/Lens Selector

*Max Range Metres	UF500	Voltage	Avg.Bulb Life	Order Code
12	850/30	20 volts	10 yrs	REG 12
25	850/10	20 volts	10 yrs	REG 25
35	850/10	23.5 volts	2 yrs	REG 35

Note:

REG is calibrated to ensure maximum accuracy and capture. Please select the range appropriately taking into considerations the maximum point which capture is required. For example for 20 metres select REG-25.

Camera

- Sensor** 1/2"Ex-view sensor
- Resolution** High Resolution 570 TVL
- Construction** Robust Aluminium casting and extrusion
- Environmental** Integral 6 watt heater & Sunshield
- Weight** 1kg

Illuminator

- Consumption** Depends on tap selected ~ Max 150W
- Bulb Life** Depends on tap selected ~ Max avg. 10 yrs
~ Min avg. 2 yrs
- Weight** 1.9kg
- Construction** Robust Aluminium casting and extrusion
- Colour** REG is available in black and traffic yellow (RAL1023) as standard - other RAL colours available to order

Bracketry

REG is supplied with a wall-bracket as standard.

Other bracket options are available:

- Pole Mount - Top
- Pole Mount - Side
- Wall Mount - Corner

Power Supply Specification

- Mains Supply** 230V, 50 Hz, 1.6AT fuse, <0.7Amp
- Output - Lamp** Power adjustable according to distance reqd.
Tap 1 - 20V
Tap 2 - 21V
Tap 3 -22V
Tap 4 - 23V
All at approx 5 Amps
- Camera** 12V dc @ 300 mA
- Heater** 12V dc @ 300mA
- Dimensions** 250mm(L) X 160mm(W) X 95mm(H)
- Weight** 3.4Kg
- Construction** Polycarbonate - IP66
- Colour** Light Grey (RAL 7035)

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 - but 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 compatability and to provide the highest quality images.

Other Versions of REG™



REG Dual



REG LED



REG Wedge

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

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