



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 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. 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 or ANPR Software.

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
Private Estates
Industrial Estates



Dusk - headlights on



Night-time - 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
18	850/10	20 volts	10 yrs	REG 18
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 consideration the maximum point at 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 & 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 & extrusion
Colour REG is available in traffic yellow (RAL1023) and black as standard - other RAL colours available to order. For black insert B at the end of product code, for yellow insert Y at the end of product code.

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 - 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.

Other Versions of REG™



REG Dual



REG Wedge



REG LED

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