



Dual

Number Plate Capture



REG Dual 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 - with monochrome number plate camera and colour overview to provide an additional view of the general scene.

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 and 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 & Overview camera
External
24 hour coverage
Long Life
Up to 35 metres
Use with VCR or DVR or ANPR software

Applications:
Entry/Exit
Access Control
Car Parks
Toll Booths
Airports
Hotels
Police/Govn
Private Estates
Industrial Estates



Daytime overview colour camera



Dusk - headlights on



Night-time - headlights on



Number Plate Camera & Overview Camera Up to 35 metres

Easy to install "Plug & Play" Fit & Forget

Two cameras & matched IR lighting

Discreet, compact design Integral bracketry & cable management

Hi-Resolution Colour Overview Camera

Hi-Resolution Ex-view Number Plate Camera

24 Hour - No other illumination required for Number Plate Camera

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



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Distance/Lens Selector

*Max Range Metres	UF500	Voltage	Avg.Bulb Life	Focal Length Overview Cam	Order Code
12	850/30	20 volts	10 yrs	8mm	REG DUAL12
18	850/10	20 volts	10 yrs	12mm	REG DUAL18
25	850/10	20 volts	10 yrs	18mm	REG DUAL25
35	850/10	23.5 volts	2 yrs	25mm	REG DUAL35

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.

Number Plate 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

Overview Camera

Sensor 1/3"Ex-view sensor
Resolution High Resolution 480 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) & 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

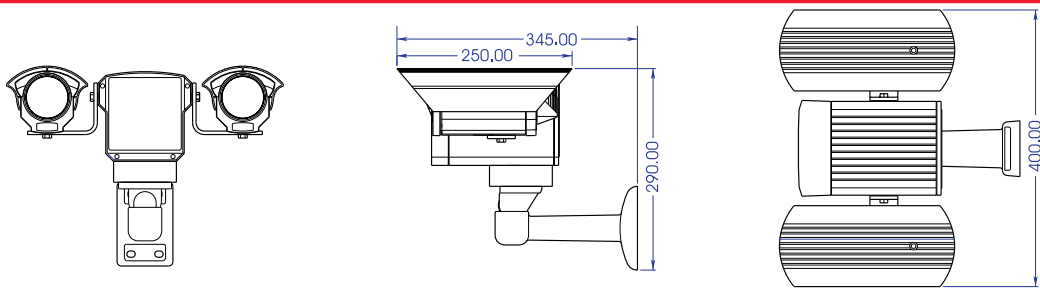
REG is supplied with a wall-bracket as standard.
 Other bracket options are available:
 Pole Mnt - Top / Pole Mnt - Side / Wall Mnt - Corner

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 2 x 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.



Europe:
 Derwent Systems Limited
 Derwent House, Colbourne Crescent,
 Nelson Park, Cramlington,
 Northumberland, NE23 1WB, England
 Tel: +44 (0) 1670 730187
 Fax: +44 (0) 1670 730188

North America:
 4060 McConnell Drive Burnaby
 Vancouver, BC V5A 3A8
 Canada
 Tel: +001 604 420 7711
 Fax: +001 604 420 3300

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