



REG™ Dual

- ▶ Complete, Twin Camera Solution with Matched IR Illumination
- ▶ Dedicated Ex-View Monochrome Number Plate Capture Camera
- ▶ Hi-Resolution Colour Camera for Overview Image
- ▶ Operational Range to 35m/115ft
- ▶ Plug & Play
- ▶ No Focus Shift
- ▶ Use with VCR, DVR or ANPR Software

PRODUCT DESCRIPTION

REG Dual is the complete, reliable number plate capture solution for ITS, vehicle surveillance and security. Featuring twin cameras and matched IR illumination, a monochrome Ex-View camera captures the plate while a high resolution colour camera provides an overview image of the vehicle and surrounding area.

Combining camera, optics, Infra-Red illumination and filter technology, REG Dual captures high resolution number plate images in both day and dark conditions, at distances of up to 35m. REG Dual also overcomes all issues relating to speed, glare, headlights, retro-reflectivity and accurate focus day and night.

REG Dual is a fully integrated system, PSU and bracketry are included to ensure maximum ease of installation and immediate results.

REG Dual has been designed to work on a stand-alone basis with VCR, DVRs and specifically to work with third party ANPR software.

A&E SPECIFICATION

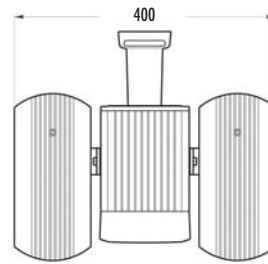
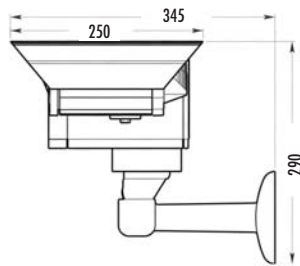
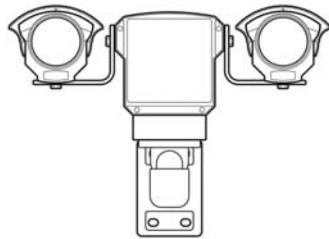
Please contact Derwent for a full A&E specification

APPLICATIONS

- ▶ Entry and Exit Monitoring
- ▶ Access Control
- ▶ Traffic Monitoring
- ▶ Border Control
- ▶ Car Parks
- ▶ Toll Booths
- ▶ Airports
- ▶ Private Estates
- ▶ Police
- ▶ Post-Event Investigation

A GENERAL NOTE ON NUMBER PLATES

All operational distances quoted refer to standard UK number plates which are retro-reflective. Achievable distances for other nationality plates may differ according to the size and reflectivity of plate. We are happy to advise on the suitability of REG for your specific scheme.



Note: All dimensions are in millimetres.

TECHNICAL

PRODUCT SELECTOR

Order Code	Max Range (Meters)	Lens Focal Length (mm)	Angular H-FOV (Degrees)	Infra-Red Illuminator
REG DUAL 12	12	25	140°	30/830
REG DUAL 18	18	35	100°	30/830
REG DUAL 25	25	50	70°	30/830
REG DUAL 35	35	75	50°	10/830

Note: REG is calibrated to ensure maximum accuracy and capture. Select the range taking into consideration the maximum distance at which capture is required.

REG DUAL SPECIFICATION

Operational Range	Up to 35m
Camera Sensors	Capture Camera - 1/2" Ex-View CCD Colour Overview Camera - 1/3" Ex-View CCD
Resolution	Capture Camera - 570 TVL Colour Overview Camera - 480 TVL
Colour Camera Lens	10-30mm varifocal
IR Illumination	Bulb based, 830nm
Illuminator Life	Depends on tap selected, on average >2 years
Input	12V dc camera & heater. 20 - 23.5 V ac lamp
Consumption	Depends on tap selected - Max ~ 160W
Temperature Range	+50°C (122°F) to -50°C (-58°F)
Construction	Robust, weatherproof aluminium casting and extrusion
Environmental	Integral 6W heater and sunshield
Dimensions	400 x 345 x 290 mm
Colour	Supplied in black (RAL B401) as standard and in an optional traffic yellow (RAL 1023.) Other RAL colours available upon request minimum order quantity applies. To order yellow insert "Y" after product code.
Weight	6.3 kg
Bracket	Cable managed wall bracket supplied as standard.

POWER SUPPLY SPECIFICATION PSU - REG DUAL INCLUDED

Input	Mains supply 230V, 50 Hz, 2 AT fuse, <0.7 Amp
Output	- Lamp - Camera - Heater Power adjustable according to distance required, - Tap 1 ~ 20V Tap 2 ~ 21V Tap 3 ~ 22V Tap 4 ~ 23V 12V dc @ 300 mA 12V dc @ 300 mA
Construction	Polycarbonate IP66 rated
Colour	Light Grey (RAL 7035)
Dimensions	250mm x 160mm x 95mm
Weight	3.4 kg

Dealer/Distributor



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