

VOYAGER 2

POWERED BY **PLATINUM[®]**

ANPR/LPR HARDWARE

The new Voyager 2 series is a compact, integrated number plate capture camera designed for high performance, long life and low maintenance. All Voyager products capture images of the number plate on a 24 hour basis - day and night.

Voyager 2 is available in 20m, 30m or 40m versions and is designed for quick and easy installation in a purpose designed environmental housing. Other distance models are available on request.

Voyager overcomes all problems associated with number plate capture – speed, reflectivity, sunlight, car headlights and depth of field – regardless of ambient lighting conditions.

The camera comes with a 3 year warranty and industry leading long life and low running costs. It can be used directly with DVR's on a stand alone basis or used in conjunction with ANPR software systems. A PSU with control features is included.

VOYAGER IN OPERATION



Headlights on



Headlights off



NOTE: Integrated colour overview camera optional.

POWERFUL

- 24 Hour number plate capture camera
- Up to 40m (132ft) range
- PLATINUM LED technology

FLEXIBLE

- Operates in all lighting conditions - day and night
- Optional Colour overview camera
- Integrated Adaptive Illumination

RELIABLE

- Low maintenance
- 3 Year warranty
- Pre-calibrated and tested

CONTROLLED

- Easy installation and set-up
- LED power control
- RAY-VISION filter system removes glare from sun and headlights

rayTEC[®]

www.rayteccctv.com

24 HOURS

24-HOUR NUMBER PLATE CAPTURE

All Voyager systems are designed to capture images of the number plate 24 hours a day without any need for adjustment or re-calibration. This includes both bright sunlight and night-time operation.

**RAY-VISION™ FILTERING SYSTEM**

Designed specifically for Voyager ANPR systems, RAY-Vision™ employs cutting edge optics techniques to reduce the impact of bright sunlight and achieve high levels of ambient light rejection. RAY-Vision™ is optically matched to PLATINUM Infra-Red technology in-built into all Voyager systems.

PLATINUM
INSIDE**PLATINUM ADVANCED SMT LED TECHNOLOGY**

PLATINUM illuminators integrate cutting-edge SMT LED technology, light intensification miniature optics and an enhanced Cool Running™ thermal management system into a single high performance LED. The result is World leading power, reliability and flexibility.

**COLOUR OVERVIEW**

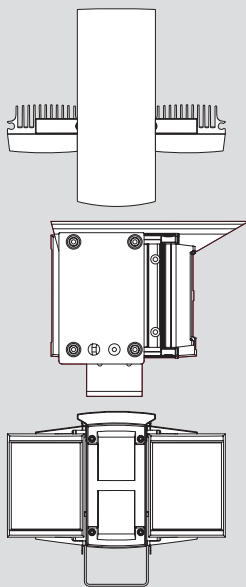
Voyager 2 is available with an optional colour overview camera to provide further on-scene information. The overview camera is specifically calibrated for traffic applications and will provide general scene information including the colour of the vehicle.

**INTELLIGENT FLASH**

The in-built PLATINUM lighting technology is pulsed and synchronized with the camera to provide optimal images of the number plate. Pulsing the lighting multiplies the power output, further extends LED life and allows lower power consumption.

3 YEAR WARRANTY

All Raytec ANPR systems are provided with a 3 year warranty, unmatched anywhere in the ANPR hardware industry. Raytec Voyager systems provide guaranteed long life!

**TECHNICAL SPECIFICATIONS****CAMERA HEAD**

<i>CCD:</i>	1/3"
<i>Effective elements:</i>	752 (H) x 582 (V)
<i>Resolution:</i>	570 TVL
<i>Min Illumination:</i>	Supplied with IR for zero lux operation
<i>IR Wavelength:</i>	850nm
<i>IR Angle:</i>	10 or 30 degrees model dependent
<i>Environmental:</i>	IP66
<i>Temp Range:</i>	-50 to +50°C (-58 to 122°F)
<i>Colour:</i>	RAL 7035 Light Grey
<i>Power Consumption:</i>	30W max
<i>Max Dimensions:</i>	
<i>Total Weight:</i>	3kg

PSU (Included)

<i>Input:</i>	Universal 85-265V AC auto-sensing
<i>Fuse:</i>	2.5A anti-surge
<i>Output Total:</i>	<2A
<i>Output – Camera and Housing:</i>	12V dc @ <1.5A
<i>Output – LED's :</i>	Pulsed & Synchronised 250ma @ 15V Equivalent to 4A constant running
<i>Adjustable Power:</i>	30% - 100%
<i>Weight:</i>	1.85kg
<i>Dimensions: L x W x D</i>	160mm x 160mm x 81mm
<i>Drilling Dimensions:</i>	4 x M4 holes @ 145 x 123mm

PART CODES

(codes with OV include colour overview camera)

RV2-20	RV2-20-OV	Voyager 2, 20m ANPR Camera with integrated PSU
RV2-30	RV2-30-OV	Voyager 2, 30m ANPR Camera with integrated PSU
RV2-40	RV2-40-OV	Voyager 2, 40m ANPR Camera with integrated PSU