

# VOYAGER 2

POWERED BY **PLATINUM**<sup>®</sup>

## LPR HARDWARE

The new Voyager 2 series is a compact, integrated licence 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 (66ft), 30m (98ft) or 40m (132ft) 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 LPR software systems. A PSU with control features is included.

### VOYAGER IN OPERATION:

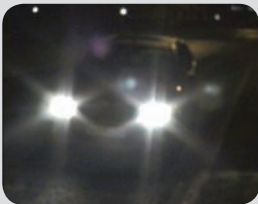


TRADITIONAL CAMERA



VOYAGER 2

### VOYAGER 2 WITH DYNAMIC OVERVIEW:



TRADITIONAL OVERVIEW



NIGHT TIME VOYAGER OVERVIEW



NOTE: Model shown VOYAGER 2 with integrated colour overview camera

## POWERFUL

- 24 Hour licence plate capture camera
- Up to 40m (132ft) range
- **PLATINUM**<sup>®</sup> LED technology

## FLEXIBLE

- Optional Colour overview camera
- Integrated Adaptive Illumination
- Infra-Red, White-Light and Ultra-Blue illumination options

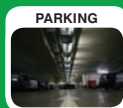
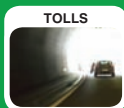
## RELIABLE

- Operates in all lighting conditions - day and night
- 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

## APPLICATIONS



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 LPR systems, RAY-Vision™ employs cutting edge optics techniques to reduce the impact of bright sunlight and headlights, 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 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.

**DYNAMIC COLOUR OVERVIEW**

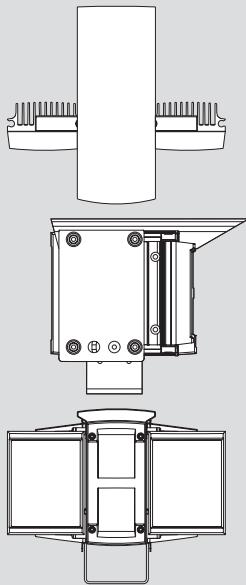
Voyager 2 is available with an optional dynamic colour overview camera to provide further on-scene information. The overview camera is specifically calibrated for traffic applications and will provide general scene information including the colour of the vehicle, even during challenging conditions.

**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 RayLED LPR systems are provided with a 3 year warranty, unmatched anywhere in the LPR hardware industry. RayLED 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 Black
<i>Power Consumption:</i>	30W max
<i>Max Dimensions:</i>	279.5 x 183 x 157.5mm 11 x 7.2 x 6.2" approx
<i>Total Weight:</i>	3kg (6.6lbs)
<i>Supplied and pre-wired with 2m of combined video and power cable.</i>	

**PSU (Included)**

<i>Input:</i>	Universal 100-240V 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 (4.1lbs)
<i>Dimensions: L x W x D</i>	160mm x 160mm x 81mm 6.3 x 6.3 x 3.2" approx
<i>Drilling Dimensions:</i>	4 x M4 holes @ 145 x 123mm

**PART CODES**

LPR CAMERA	LPR CAMERA & OVERVIEW CAMERA		
RV2-20-P	RV2-20-OV-P	Voyager 2, 20m (66ft) LPR Camera, PAL format	(NTSC available-replace P with N)
RV2-30-P	RV2-30-OV-P	Voyager 2, 30m (98ft) LPR Camera, PAL format	(NTSC available-replace P with N)
RV2-40-P	RV2-40-OV-P	Voyager 2, 40m (132ft) LPR Camera, PAL format	(NTSC available-replace P with N)

(codes with OV include colour overview camera)