

ROADWOLF™ NANO WHITE LIGHT



The RoadWolf™ Nano White Light Mobile ANPR Camera is a rugged single lens HD ANPR camera suitable for use where space or aesthetics demand a less industrial look or a discreet deployment.

The Nano neatly mounts onto a Police Car or can be fitted inside a RoadPixel Bollard. Its small footprint makes it perfect for Police, Parking Enforcement and other mobile ANPR applications and the powerful white light LEDs illuminate non retro-reflective License Plates in day or night conditions in countries where Infrared is unsuitable.

The RoadWolf Nano WL is fitted with a colour IP camera module and a fixed focal length lens set up to read plates across one lane of traffic from approximately 17m away. The camera will multi-stream MJPEG and H.264 data making it suitable for simultaneous colour video recording and ANPR recognition.

The camera is available with an optional 32GB Micro SD memory card for local recording if all data communication is lost for any reason.

FEATURES

Compact Aesthetic Design

HD (1280 x 1024) for high quality ANPR imaging

Colour ANPR IP Camera Module

Pulsed White Light LED Illumination

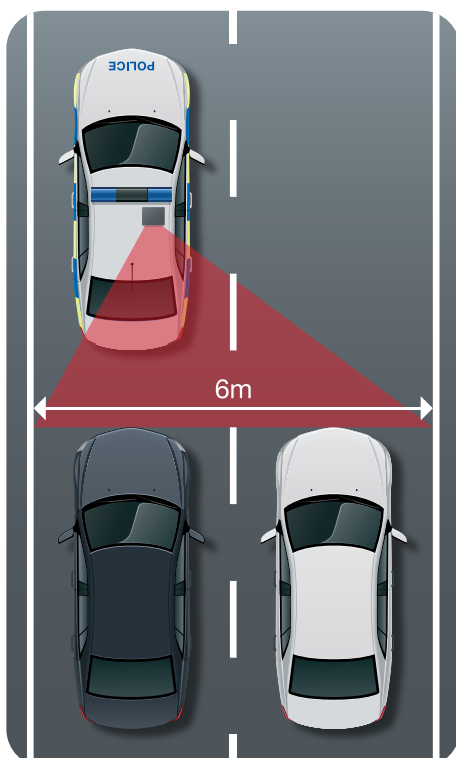
17m Range

Diffusers evenly illuminate the Field of View

Quick release, self-sealing single IP67 connector

Pressure purge valve

IP67 rated



The Nano is IP67 rated, lightweight and constructed from a high quality aluminium extrusion. It is protected with a patented hydrophobic nanotechnology coating, making the camera both scratch and water resistant. Power is provided by a RoadPixel PSU for fixed applications or by a 12-24v DC automotive supply for vehicle use.

A tactile push-twist release IP67 connector and a GORE™ valve for pressure equalisation and moisture expulsion complement the RoadWolf Nano's advanced technical design features.

APPLICATIONS

Non-reflective Plate Captures

Mobile / Police ANPR

Discreet Deployment

Aesthetic Site Security Control / Monitoring

Barrier / Access Control

TECHNICAL SPECIFICATION

ANPR Recognition Range	17m / 55ft
Lenses	Various focal lengths available
Sensors	CMOS High Definition
Resolution	1280(H) x 1024(V)
Shutter	Global. 1/50th - 1/100,000 sec
Video Streaming	Multi-Stream H.264 & MJPEG
Illumination	Multi LEDs with separate lenses
LED Wavelength	White Light (other wavelengths available)
Light Diffusion	Low light absorption LED diffusers (landscape)
Illumination Angles	Diffuser options to match FOVs
Input Voltage	12-24V DC +/- 10%
Power Consumption	≈8W
Current Consumption	0.3A @ 24V, 0.6A @ 12V
Ingress Protection Rating	IP67
Storage Temperature	-20° to +60° C
Operating Temperature	-20° to +50° C
Operating Humidity	85% RH
Mounting	Standard 4" (101.6mm) PCD fixing point
Brackets	Various mounts available
Dimensions without Sunshield	160 x 45 x 140mm (WxHxD)
Dimensions with Sunshield	175 x 50 x 200mm (WxHxD)
Weight	<2Kg
MTBF	>50,000 hours

Technical specification liable to change without notice due to continuous product development.



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