

The compact and lightweight RoadWolf™ Analogue ANPR Camera uses the latest LED and nanotechnology to provide a new generation of ANPR camera. It has been designed to be efficient, economic and technically appealing to installation engineers.

Available as a single monochrome infra-red (IR) or dual camera with an additional colour contextual camera, the RoadWolf is fitted with varifocal lenses to provide installation setup flexibility. The 5-50mm focal length reads plates at either a site entrance a few metres away or from a highway gantry scanning

high-speed traffic at up to 30m away. IP options are also available.

Using the latest Sony Effio™ DSP technology for noise reduction and infra-red sensitivity, the RoadWolf camera captures crisp infra-red images of retro-reflective licence plates. The overview camera module captures corresponding contextual images of vehicles both in daylight and in challenging light conditions.

The RoadWolf is also available as a White Light ANPR Camera and can be supplied with several combinations of digital HD and analogue modules for non-reflective plates and Middle East Countries.

FEATURES

- Latest technology LEDs & Varifocal Lenses
- IR diffusers produce even illumination
- Nanotechnology waterproof coating
- High quality extrusion
- Pressure purge valve
- Quick release, self-sealing waterproof connector
- IP67 rated

The cameras are lightweight and utilise a polycarbonate front cover that lets more IR light through. They are protected with a patented hydrophobic nanotechnology coating, making the camera both scratch resistant and waterproof - essential features when deploying in coastal or sandy environments.

Powered by a 12-24v DC supply, the camera also has an optional wrap-around 360° sunshield in addition to the sunshield pictured. The rear multi-way connector uses the latest push and twist design for a fast, secure and waterproof connection. A GORE™ valve for pressure equalisation and moisture expulsion complement the RoadWolf's advanced technical design features.



APPLICATIONS

- Highway Traffic
- Free-Flow Parking Control
- Site Security Control / Monitoring
- Barrier / Access Control

TECHNICAL SPECIFICATION

ANPR Recognition Range	5-30m / 16-100ft
Lenses	ANPR: 5-50mm Varifocal f1.6 Overview: 5-50mm Varifocal f1.4 Day/Night Auto Iris
Sensors	ANPR: 1/3" Sony 960H CCD Overview: 1/3" Sony EXview HAD CCD II
DSP	Sony Effio for noise reduction & IR sensitivity
Effective Pixels	976 (H) x 582 (V)
Horizontal Resolution	700TVL
Min Illumination	Overview: 0.02-0.05 Lux @ f1.2
Shutter Speed	1/50th - 1/100,000 sec
Video Output	Composite 1Vp-p CVBS 75 Ohms
Illumination	Multi LEDs with separate lenses
IR Wavelength	850nm (other wavelengths available)
IR Diffusion	Low light absorption LED diffusers (landscape)
IR Illumination Angles	2 Diffuser options to match FOVs
Input Voltage	12-24V DC
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	208 x 94 x 199mm (WxHxD) inc. sunshield
Weight	2.1Kg
MTBF	>50,000 hours

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