

mini hawk 1i

The mini hawk 1i is a high quality fixed focal length mono camera with a matched IR illuminator in a miniature single housing, making it ideal for both mobile and fixed applications.

It is ideal for short to medium range fixed or mobile ANPR applications up to 25m.

Due to its small size, low power and hard anodised weather proof packaging it is particularly suited to external fitting to all types of vehicle.

Feature include:-

- Electronic zoom and pan/tilt facility.
- Optically filtered to match the wavelength of the illuminator to exclude the effects of extraneous light.
- Unique control capability to synchronise with the IR illuminator which can offer higher contrast images in day or night, ensuring more definition and sharper edges to greatly improve ANPR performance.
- Supplied with a stainless steel adjustable universal bracket for vehicle or fixed mounting.
- Fast connection via IP68 connector with 5m composite cable which is waterproof when mated.
- Simplified installation - cable is broken out into individual wires which can easily be passed through bulkheads or the interior of a vehicle.
- Camera is supplied as standard with 25mm focal length lenses for operation at medium to long distance.
- Options for 8mm, 16mm and 25mm are available for shorter range, wider angle, operation.
- Control is via an optically isolated RS232-C link and uses the Petards Universal Protocol for full dynamic control of camera setup and performance.
- Petards ALLCAM GUI (Graphic User Interface) available to download via website for easy set up and optimisation.
- Built in HCE (Heater Circuit Element) available for severe climate conditions to -15°C.*



SPECIFICATIONS

General

Dimensions	95 x 50 x 87 (whd)mm
Weight	0.78kg / 0.67kg (with/without bracket)
Operating Temperature	-10°C to +50°C
Environmental	IP68 - External
Power consumption	12V dc <30W
Approvals	CE, IEC 60825-1 Class 1 Eye Safe NPiA Spec 5 (Issue 10)

Cameras (IR/Colour)

Image Sensor	1/3" CCD
Video Format	PAL (NTSC also available)*
Horizontal Resolution	>450 TV lines
Picture Elements	752(H) x 582(V)
Zoom	4 x with digital pan/tilt
Lens (Optical)	8, 16 and 25mm options
Video Output	1.0V p-p (Negative Sync)

IR Illuminator

Wavelength	870nm*
Format	High power LED array
ANPR Range	Up to 25m**

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