



Black Nite

Specialist Surveillance Camera with Built-in Covert Illumination

Features

- Operates in Total Darkness
- Built-in Covert LED Illumination
- Remains in Focus Day and Night
- Compact
- Rugged
- 12vdc Operation
- Simple to Use
- CCIR or EIA Versions

Description

The Black Nite range of cameras is part of our product line aimed at the specialist covert and semi-covert surveillance user. The Black Nite is a true 24 hour camera with built-in covert Light Emitting Diode (LED) illuminators, providing sufficient illumination for optimum camera performance, even though the naked eye cannot see the 'light'. No external infra red or white light is required.

The camera is small, only 63mm square and 35mm deep, and can be supplied with a variety of lenses to meet operational requirements. Standard and low power versions are available. The low power version is best suited to short range observation, typically 0.1m to 2m.

The standard camera is fitted with an 8mm lens, giving a 32° field of view and a nominal range of 15m depending on scene reflectivity

Applications

Field of View and Nominal Range

Model No.	Focal Length	FOV	Std Power Range
Black Nite IV 2	2.8mm	87°	3m
Black Nite IV 3	3.6mm	67°	3-7m
Black Nite IV 8	8mm	32°	3-15m
Black Nite IV 16	16mm	17°	3-15m
Black Nite IV 25	25mm	11°	3-15m

Options

- Choice of lenses
- Audio
- Microwave transmitter
- Microphone

Specifications

Image Sensor:	1/3" CCD
Illumination:	IR, built in
System:	CCIR (EIA option)
Sig/Noise Ratio:	>50dB weighted
Electronic Shutter:	Auto
Current:	320mA max
Pixels:	752 x 582
Wavelength:	940nm
Min Illumination:	0 lux
Shutter Range:	1/50 – 1/100,000s
Temperature:	-10°C ~ ±50°C
Resolution:	>560 TVL
Visible:	No
Video Out:	1v p-p
Sync:	Internal
Supply:	12vdc ±10%
Size:	63mm x 63mm x 35mm