

# NightEye Series

iFCS®

## Weather-Resistant Infra-Red Cameras



### Introduction

Impressive low light performance coupled with a long list of features, the NightEye Series by iFCS are high performance infra-red tube cameras suitable for a wide range of applications.

### Features

#### Powerful Infra-Red LEDs for 0 Lux Operation

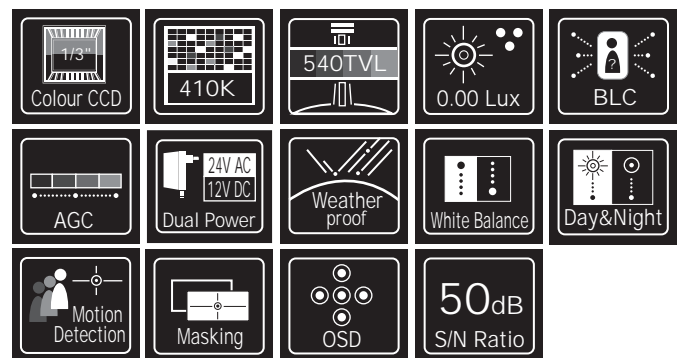
Built-in infra-red LEDs provide a powerful source of illumination to allow the NightEye Series to operate in complete darkness. CAM3578 & CAM3577 & CAM3123 has 24 LEDs that will light up to approx 20 metres away. The LEDs automatically switches off if sufficient lighting is available to preserve their life.

#### Split Glass Technology

CAM3577 & CAM3123 has two independent layers of glass ensure that any reflection of infra-red light is kept separate from the lens. This prevents any spillage of infra-red light that may distort the image.

#### Cable Management Bracket

CAM3123 include adjustable brackets with all cabling pre-fitted internally to provide a more aesthetically pleasing installation. The brackets can twist freely to accommodate both ceiling and wall mounted installations.



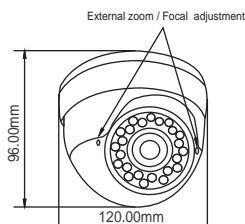
#### Manual Adjustable Lens with Pan and Tilt Dome

CAM3577 has an adjustable pan and tilt dome which is vandal & weather resistant. The dome has a 4-9mm varifocal lens that can be easily adjusted by a flat head screw driver instead of the tedious task way of taking off the dome cover and adjusting the lens with your fingers.

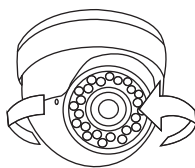
## Appearance

### CAM3577

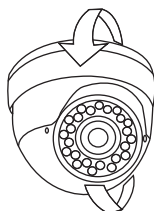
• FRONT VIEW



• PANNING UPTO 360°

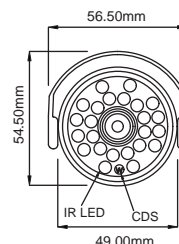


• TILTING 10 ~ 90

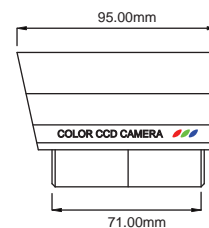


### CAM3123

• FRONT VIEW

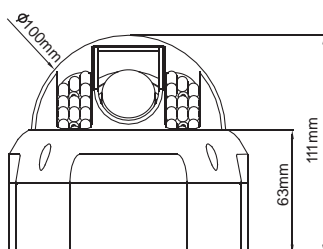


• SIDE VIEW

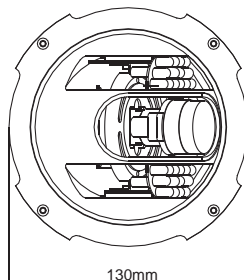


### CAM3578

• FRONT VIEW



• SIDE VIEW



## Specifications

DESCRIPTION	CAM3123	CAM3577	CAM3578
Image Pick-Up Device	1/3" SONY SUPER HAD CCD	1/3" SONY EX-VIEW CCD	1/3" SONY SUPER HAD CCD
TV System	NTSC / PAL	NTSC / PAL	NTSC / PAL
Pixels	NTSC = 768(H)X 494(V) PAL = 755(H)X 582(V)	NTSC = 768(H)X 494(V) PAL = 755(H)X 582(V)	NTSC = 768(H)X 494(V) PAL = 755(H)X 582(V)
Scanning System	2 :1 Interlaced	2 :1 Interlaced	2 :1 Interlaced
Sync System	Internal (DC) / Line Lock (AC)	Internal (DC) / Line Lock (AC)	Internal (DC) / Line Lock (AC)
Resolution	540TV Line	480TV Line	540TV Line
Minimum Illumination	0.00Lux (LED ON)	0.00Lux (LED ON)	0.00Lux (LED ON)
Infra-Red	24 Super-LEDs (20m Range)	24 LEDs (20m Range)	24 Super-LEDs (20m Range)
S/N Ratio	More than 50 dB	More than 50 dB	More than 50 dB
Video output	1.0Vp-p 75 ohm Composite	1.0Vp-p 75 ohm Composite	1.0Vp-p 75 ohm Composite
Power Supply	DC12V	DC12V	DC12V
Power Consumption	500mA	500mA	750mA
Lens	Fix Lens 6mm	DC Iris Vari-focal 4 ~9 mm	DC Iris Varifocal 2.8 - 11mm
Operational Temperature	-10Deg ~ +50 Deg C RH95% Max	-10Deg ~ +50 Deg C RH95% Max	-10Deg ~ +50 Deg C RH95% Max
Storage Temperature	-20Deg ~ +60 Deg C RH95% Max	-20Deg ~ +60 Deg C RH95% Max	-20Deg ~ +60 Deg C RH95% Max
Weight	Appx.0. 24Kg	Appx. 0. 6Kg	Appx.0. 7Kg

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