

NightEye Series

AUSTAR
Security

High Definition Weather-Resistant Infra-Red Tube Cameras

New
600TVL

High Definition



Introduction

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

Features

Super High Resolution 600 TV Lines

Providing extremely sharp 600 TV Lines resolution, the NightEye Series will deliver highly detailed images in all lighting conditions.

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. The CAM3040H features 48 LEDs for up to 40 metres of infra-red irradiation while the CAM3045H has 30 extra-large Super-LEDs that provide up to 80 metres of infra-red irradiation. The LEDs automatically switch off in sufficient lighting to preserve their life.

3D Noise Reduction (3DNR)

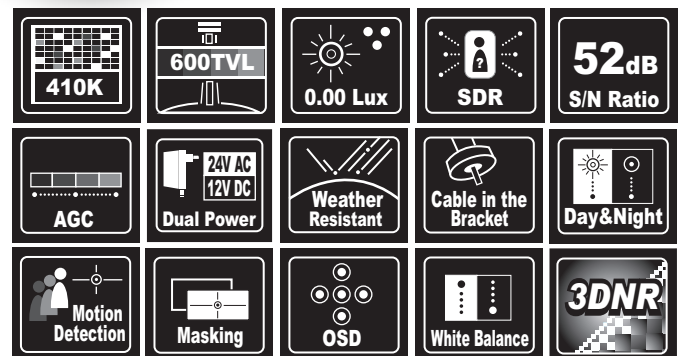
New powerful system to reduce noise in dark environments. Under low-light conditions, 3DNR provides clear images for both moving objects and still portions of the image.

Split Glass Technology

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

The NightEye Series include adjustable brackets with all cabling pre-fitted internally to provide a more aesthetically pleasing installation.



IR Cut Filter

Resulting in vibrant more accurate colours during the day and improved performance in low light, the NightEye Series feature IR cut filter technology.

Super Dynamic Range

SDR Camera can work under all kinds of conditions, especially in back light environments. SDR provides clearer security surveillance, Natural Color Reproduction, excellent and unprecedented image-processing performance.

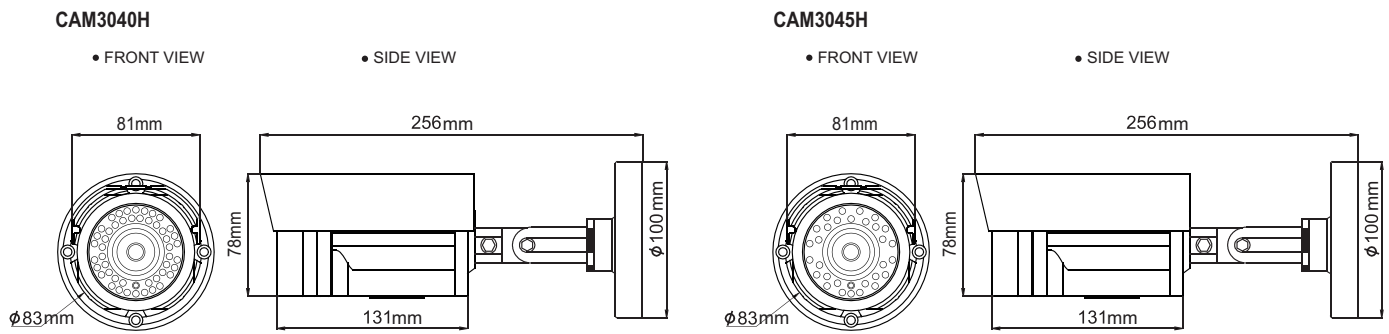
Adjustable Auto-Iris Lens

Achieve the perfect viewing angle by selecting either the CAM3040H with 2.8-12mm lens or the CAM3045H with 6-50mm lens. The convenient twist adjust system allows easy adjustment of the vari-focal lens without needing to open the camera. Setting the viewing angle and focus is as simple as rotating the external rings on the camera body. Once the adjustment is completed, grub screws can be tightened to ensure the camera remains in focus and cannot be tampered with.

Dual Power DC12V & AC24V

Maximum compatibility with dual power support, the NightEye Series can utilise both DC and AC power as needed, making them easy to install at any location.

Appearance



Specifications

DESCRIPTION	CAM3040H	CAM3045H
Image Pick-Up Device	1/3" SONY SUPER HAD ii 410K CCD	1/3" SONY SUPER HAD ii 410K CCD
TV System	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)
Scanning System	2:1 Interlaced	2:1 Interlaced
Sync System	Internal (DC) / Line-Locked (AC)	Internal (DC) / Line-Locked (AC)
Resolution	600TV Line	600TV Line
Minimum Illumination	0.00Lux (LED ON)	0.00Lux (LED ON)
Infra-Red	48 IR LEDs (40m IR Distance)	24 3Pie & 6 Rectangular IR LEDs (80m IR Distance)
S/N Ratio	More than 52 dB	More than 52 dB
White Balance	ATW / AWC / INDOOR / OUTDOOR / MANUAL (1700K ~ 11,000°K)	ATW / AWC / INDOOR / OUTDOOR / MANUAL (1700K ~ 11,000°K)
Gamma Characteristic	0.45	0.45
Video output	1.0Vp-p 75 ohm Composite	1.0Vp-p 75 ohm Composite
Electronic shutter Speed	PAL : 1/50 ~ 1/120,000 Sec NTSC : 1/60 ~ 1/120,000 Sec	PAL : 1/50 ~ 1/120,000 Sec NTSC : 1/60 ~ 1/120,000 Sec
OSD	BUILT-IN	BUILT-IN
SDR	On / Off	On / Off
Back Light Compensation	BLC / HLC / Off	BLC / HLC / Off
Gain Control	Low / High / Off	Low / High / Off
Day & Night	Color / Auto / BW / Extern	Color / Auto / BW / Extern
3D Noise Filter (DNR)	On / Off (Level Adjustable)	On / Off (Level Adjustable)
Sens - Up	Auto / Off (Selectable x2~x512)	Auto / Off (Selectable x2~x512)
Motion Detection	On / Off (8 Programmable Zone)	On / Off (8 Programmable Zone)
Privacy Masking	On / Off (12 Programmable Zone)	On / Off (12 Programmable Zone)
Flip & Mirror	On / Off	On / Off
Digital Image Stabilization	On / Off	On / Off
Sharpness	On / Off (Level Adjustable)	On / Off (Level Adjustable)
Digital Zoom	On / Off (Level Adjustable : X16)	On / Off (Level Adjustable : X16)
Power Supply	DC12V / AC 24V	DC12V / AC 24V
Power Consumption	750mA	750mA
Lens	DC Auto Iris 2.8~ 12 mm	DC Auto Iris 6~ 50 mm
Operational Temperature	-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
Weight	Appx. 1.0Kg	Appx. 1.0Kg

Distributed by:

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