

Innovative IR Vision
New generation of IR Color CCD camera !

True Day&Night IR Color camera(40M View) **High res SONY Super HAD CCD**

KCC-3000

8mm IR Enhancement lens
0 Lux/F2.0
850nm IR x 49 EA



We have endeavoured to develop a perfect Infra-red combined camera for high quality night vision for a long time. It utilizes several unique technologies designed by ourselves resulting in the world's best performing **True Day & Night color camera.**

It is commonly regarded that conventional IR cameras have some inevitable technical limitations of overheating, short-term IR life, moisture condensation, limitation of getting clear image with IR beam, IR distance problem by using small number of LEDs etc.

The unit now provides highly increased performance with all points improved a lot.

Best of all, the camera guarantees a perfect solution of reliable night vision for long time with no worry of damages in IR performance by the time passes after installation.

Even under extreme conditions such as fire and terrorist attacks, our IR camera will capture clear image to assist the rescue team to act responsibly and store important evidences for future review.

EX-Clear view at total darkness (0 Lux /F2.0) up to 40M view

With the built-in high sensitive IR LEDs plus High Resolution Ex-view 1/3" CCD camera, it offers an extraordinary clear view in pitch black darkness. This makes it possible to have covert night-time or underwater surveillance with no need to use an electric lighting.

Live & vivid picture quality with video enhance technology It is our own unique technology enabling a normal CCD camera to provide an extremely clear vision. With the help of this function cameras also perform a greater resolution and better low lux sensitivity.

Excellent color reproduction close to the human eye performance. Producing a true natural coloration which is close to the performance of human eye adds its value to maximum. This wonderful achievement is an integrated output from a perfect combination of sophisticated hardware and software technology, including 1/3" CCD sensor, our own noise-free power circuit and the company's know-how.

Crisp clear picture quality with IR responded night vision Most of CCD cameras have a focus distortion problem with IR illumination. Our camera has a smart self-adjustment solution that corrects the distorted focus.

Automatic LED on/off The LED light turns on at below 2 Lux and off at over 2 lux illumination automatically.

Complete waterproof mechanism The unit is produced and passed for underwater test for 24hrs in order to guarantee of moisture condensation-free on the glass against any harsh weather condition.

Extremely reliable Power control The model is provided with a power safety technology to prevent it from overheating. It is remarkable that the unit used with 49 LEDs does not generate heat at all. Generally LED cameras generate too much heat and it hurts the life cycle of LED and CCD sensor. It is regarded as natural having no alternative before. This unit provides a clear solution for a trouble-free and True Day & Night LED camera.

Audio Available(Optional) High sensitive, very clear one way audio is supplied by either internally or externally with a flexible length of audio cable.

Night Vision
True Day & Night
IR LED Camera



KCC-3000

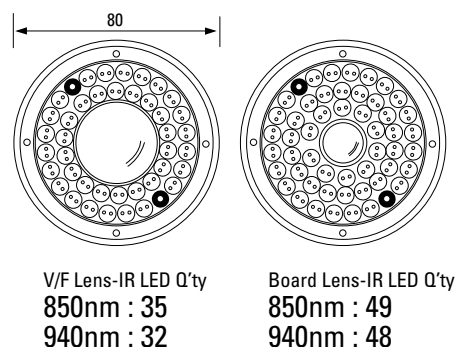
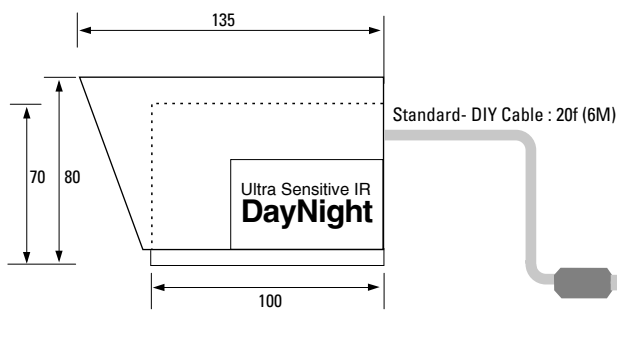
Key Features

- _ 1/3" DSP Color CCD sensor (SONY)
- _ High resolution 480TVL
- _ No Color Rolling
- _ No focus distortion at night
- _ Weaterproof (IP66)
- _ Vivid image capture at 0 Lux up to 40M distance at night
- _ Extremely reliable operating power regulation built-in
- _ True color reproduction at day & automatic image conversion to BW at night
- _ Automatic LED on/off

Applications

Defence systems, Military troops, Police, Airports, Forest suveillances, Subway stations (in order to view objects under fire accident or an area of no illumination), Company warehouses, Highly criminal streets, Residential fences or guarages, Public office buildings, Conference room, Jewellery centers, Department stores, Hospitals,Jeils, Nlght clubs, Casinos etc.

Dimension(mm) & Wiring



Specifications

Model	KCC-3000
Image sensor	1/3" High resolution Color Super HAD CCD
Effective Pixels	NTSC : 768(H)X494(V) PAL : 752(H)X582(V)
H.Resolution	500 TV Lines
Synchronizing system	Internal
Scanning system	NTSC 525 Lines PAL 625 Lines 2:1 Interlaced
Video output	1.0Vp-p Composite. 75 Ohms
S/N ratio	More than 50 dB (AGC Off)
Min. Illumination	0 Lux at F2.0
BLC	Automatic
White balance	2100°K ~ 8200°K Auto
Gain Control	4dB~30dB Auto
Gamma correction	r=0.45
Smear effect	0.005%
Shutter speed	NTSC : 1/60~1/100,000 sec, 1/100sec in Flickerless PAL : 1/50~1/100,000 sec, 1/120sec in Flickerless
LED spectrum	850nm 30 degree Visible IR LED x 49EA
IR Beam distance	40M
MTBF	20,000 hours
Power source	12VDC /1 Amp
Operation current	570mA w / regulated 12VDC in
Lens Standard	8mm(39°)
lens Option	3.6mm(92°), 4.3mm(78°), 6.0mm(54°),
Operating Temperature	14° F~122° F (-10° C~ + 50° C)
Humidity	Within 90% RH
Output Terminal	6M (20 ft) DIY cable with BNC-Female for Video, DC Jack-Male for Power
Measurement (mm)	70(D)x100(L)
Weight(Approx.g)	1,400
Optional Feature 1	Invisible 940nm 30 degree IR LED
Optional Feature 2	External Audio with C-Microphone " - 35dB / mV "

KOCOM CO.,LTD.

For more information, please visit <http://www.kocom.co.kr>

KOCOM, a provider of more advanced, more comfortable living places.

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