



## CPC306 (Outdoor)



### ● OVERVIEW

To satisfy the environments where low visibility is encountered and high demand of safeguard is a necessity, we're proud to announce the presence of this new innovative IR<sup>pro</sup> series camera. Equipped with "IR Shifter", "Smart Light Control" and a large aperture lens (F1.4), this camera optimizes the advantages of an IR camera to provide sharp and clear images, and smartly extends the life of an IR camera to provide great reliability.

### ● FEATURES

#### 1. Smart Light Control (dynamic adjustment for clear and accurate Image):

##### Clear and Sharp Image Without Over-exposure:

Compared with conventional IR cameras to use CDS sensor only for controlling IR light, IR<sup>pro</sup> series products use both "CDS" and Image Comparison" method to judge whether IR LEDs should be activated for light compensation.

##### Longer IR LED Life:

Because of the effective control of IR LEDs and exclusive MCU design, the IR LED life is greatly extended and reduces the cost for using this camera.

#### 2. Patent Mechanical IR Filter (get true color and clear images):

##### Daytime (True Color):

True color is presented for these IR camera series to receive the same visible light as human beings can see.

##### At night (Clear Image):

IR Filter is automatically shifted away for the CCD to receive Infrared light passing through the lens providing clear and better images. Besides, the sensor sensitivity and brightness are raised up compared with traditional IR cameras because of the usage of the large aperture lens.

#### 3. Large Aperture Lens:

##### Large Amount of Light Passing Through Lens:

Equipped with large aperture (F1.4) lenses, the amount of light passing through the lens for these IR camera series are more than other normal cameras in the market.

##### Lower Power Consumption:

Because of the large amount of light passing through the lens, IR LEDs do not need to be always on for night surveillance. This not only reduces the power consumption, but also extends the IR LED life of your IR<sup>pro</sup> camera.

#### 4. UV-resistant and hard coating materials for dome cover

#### 5. IR effective distance over 30 meters

#### 6. Optimal IR heat treatment solution

#### 7. High resolution of 480 TV lines to provide clear images

#### 8. Meet IP666 protection rating

● SPECIFICATION

MODEL	CPC306
Pick-up Element	1/3" SONY Color Super HAD CCD image sensor
Number of Pixels	768(H)x494(V) <NTSC> / 752(H)x582(V) <PAL>
Resolution	H.R.
Min. Illumination	0.5 Lux / F1.4 (IR LED OFF)
Effective Distance	30m
IR LED	36 units
S/N Rate	More than 48dB (AGC off)
Lens	f6.0mm / f8.0mm
F-number	F1.2 (f12.0 mm) / F1.4 (f6.0 mm & f8.0 mm)
Lens Angle	56° / 42°
Video Output	1.0Vp-p composite, 75Ω
IR LED Control	Smart Light Control
D&N Filter Control	Auto IR Shifter
IP Rating	IP666
Power Source	DC12V ± 10%
Current / Power Consumption	550 mA
Operating Temperature	0°C ~ 40°C (32°F~104°F)
Dimension (mm)	130 (Ø) x 125 (H)
Weight	759 g

\* The specifications are subject to change without notice.

\*\* Dimensional Tolerance: ± 5mm