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# AVM206

## 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 IRpro 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

### Smart Light Control

- ◆ Clear and Sharp Image Without Over-exposure:  
Compared with conventional IR cameras to use CDS sensor only for controlling IR light, IRpro 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.

### Large Aperture Lens (F1.4)

- ◆ Large Amount of Light Passing Through Lens:  
The amount of light passing through the lens for IRpro cameras is 2 ~ 3 times more (depending on the supplied lens iris) compared with 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 IRpro camera.

### Auto IR Filter Shift Design for 24-hour Surveillance

- ◆ Daytime:  
"True Color" is presented for this camera receives the same visible light as human beings can see.
- ◆ At night:  
IR Shifter is moved away for the camera to receive the infrared light. Besides, the sensor sensitivity will increase up to 60%, and the brightness is also raised up because of the usage of the large aperture lens. Therefore, images can still stay in focus with clearness and sharpness for night surveillance.

### Longer Effective Distance Up to 30m

### High Resolution of 480 TV Lines to Provide Clear Images

### Thermal Conductive Case Design for Excellent Cooling Performance

### Water-Proof

## SPECIFICATION

| MODEL                 | AVM206                                         |
|-----------------------|------------------------------------------------|
| Pick up Element       | 1/3" SONY Color Super HAD CCD image sensor     |
| Number of Pixel       | 768(H) x 494(V) <NTSC> / 752(H) x 582(V) <PAL> |
| Resolution            | 480 TV Lines                                   |
| Min. Illumination     | 0.5 Lux / F1.4 (IR LED OFF)                    |
| Effective Range       | 30m                                            |
| IR LED                | 36 units                                       |
| S/N Ratio             | More than 48dB (AGC off)                       |
| Lens                  | f6.0 mm / f8.0 mm                              |
| F-number              | F1.4                                           |
| 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                                          |
| Operating Temperature | −20℃ ~ 40℃ (−4°F~104°F)                        |
| Power Source          | AC100V ~ 240V ± 10%                            |
| Power Consumption     | 9 W                                            |
| Dimension (mm)        | 130mm (Ø) x 125mm (H)                          |
| Weight (g)            | 759g                                           |

\*The specification is subject to change without notice.