



## AVM208 (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 (F1.2 / 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 shift design (to 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 (F1.2 / 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. IR Effective Distance Over 40 ~ 50 Meters

#### 5. Optimal IR Heat Treatment Solution

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

#### 7. IP67 Dust and Moisture Protection

## ● SPECIFICATION

MODEL	AVM208	
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	480TV Lines	
Min. Illumination	0.36 Lux / F1.2 (IR LED OFF)	
Effective Distance	40m (f6mm & f8mm) / 50m (f12mm)	
IR LED	102 units	
S/N Rate	More than 48dB (AGC off)	
Lens	f6.0mm / f8.0mm / f12.0mm	
F-number	F1.2 (f12.0 mm) / F1.4 (f6.0 mm & f8.0 mm)	
Lens Angle	56° / 42° / 28°	
Video Output	1.0Vp-p composite, 75Ω	
IR LED Control	Smart Light Control	
D&N Filter Control	Auto IR Shifter	
IP Rating	IP67	
Power Source	AC100V ~ 240V ± 10%	AC24V
Current / Power Consumption	22W	
Operating Temperature	-10°C ~ 40°C (14°F~104°F)	
Dimension (mm)	250 (L) x 137 (W) x 114.12 (H)	
Weight	1.92 kg	

\* The specifications are subject to change without notice.

\*\* Dimensional Tolerance: ± 5mm