



AVM601

Human Detection PIR Camera

● OVERVIEW

This human detection camera is equipped with the PIR sensor and advanced RF technology to identify every visitor's identity to secure your safety. To avoid a false alarm for human detection, two sets of setting criteria can be made: movement & temperature frequency. Anyone without the RF controller will trigger the PIR alarm, and the alarm signals will be transmitted to the recording device, such as the DVR, via the video cable.

● FEATURES

1. Built-in Infrared sensor alarm for human detection
 - False alarms can be avoided by setting two criteria: movement & temperature frequency.
2. Remote control available with a RF controller
3. IR LEDs Built-in for 24-hour day & night surveillance
4. 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^{pro} 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.

● SPECIFICATIONS

Model	AVM601
Pick-up Element	1/3" HR color CCD image sensor
Number of Pixels	768(H)x494(V) <NTSC> / 752(H)x582(V) <PAL>
Resolution	480 TVL
Min. Illumination	0.17 Lux / F2.0 (IR LED OFF)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.
S/N Ratio	More than 48dB (AGC off)
IR LED	12 units
Day & Night	YES
Smart Light Control	YES
Lens	f 3.6mm / F2.0; f 6.0mm / F2.0
Lens Angle	92° / 54°
Video Output	1.0Vp-p composite, 75Ω
PIR Detection Range	40° wide angle with 5m long distance at 2m height (under 25°C)
PIR Alarm Output	YES
Remote Control	YES (over 20m without block)
DCC Support	YES
Power Source (±10%)	DC11V / 500mA
Current Consumption (±10%)	110mA (IR OFF), 260mA (IR ON)
Dimensions (mm)**	90(W) x 145(H) x 32(D)
Net Weight (g)	220

* The specifications are subject to change without notice.

** Dimensional Tolerance: ± 5mm