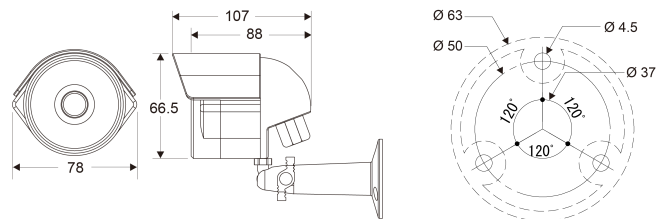




- ▶ 5 megapixel CMOS image sensor
- ▶ Video without compression, no delay with high quality and real-time monitoring.
- ▶ 2D noise reduction
- ▶ DWDR function
- ▶ High efficiency IR LED, radiant distance up to 20m
- ▶ Day & Night (IR cut removable)
- ▶ Long transmission distance—Coaxial cable
- ▶ Seamless compatibility with the standard Analog equipment
- ▶ UTC function (AHD-Coaxial protocol) Video
- ▶ Output: AHD 5MP or CVBS 960H
- ▶ IP68 rain and dust resistant
- ▶ Vandal resistant approve

Dimension



Video performance

Model	AHD765A6
Min. Illumination	Color : 0.025 Lux at F1.8 B/W : 0 Lux with IR LED ON
Live Video Output	AHD / CVBS / TVI / CVI
Resolution	2,592(H)x1,944(V)@20fps

Night vision (infrared LED)

Focal Length	6 mm
Iris	F 1.8
Iris Control	Fixed IRIS
Angle of View	46.5°(H) 34.5°(V) 59.3°(D)
Beam Spread	60°
Peak Wavelength	850nm
Radiant Distance	20M

Sensor

Pick Up Element	1/2.8" CMOS Image Sensor
Effective Pixels	2,704(H) x 2,104(V)

Environmental

Starting Temperature	-10°C – +50°C (14°F – 122°F)
Operating Temperature	-40°C – +50°C (-40°F – 122°F)
Storage Temperature	-25°C – +60°C (-13°F – 140°F)
Humidity	0% – 90% RH

Certification

CE	YES
IP Rating	IP68
Vandal Resistant Rating	IK10 (Casing)

Video functions

Scanning System	Progressive Scan
Sync. Mode/ Synchronization	Internal
Infrared Cut Filter	Auto / Day (Color) / Night (Mono)
S/N Ratio	More than 55dB (AGC off)
3D Noise Reduction	2D DNR
2D WDR	Off / On
UTC	UTC (AHD-Coaxial protocol Supported)
Auto Gain Control	Auto
White Balance	ATW / MANUAL
Electrical Shutter	1/30(1/25)s – 1/60,000s
Back Light Compensation	Yes

Mechanical

Dimension	78(W) × 66.5(H) × 88(D) mm
Weight	325g
Casing Material	Aluminum alloy

Power

Power Supply	DC 12V±10%
Power Consumption	6.5W