AHD605AX4.2

5MP Day & Night Vari-Focal IR Vandal Resistant Dome AHD Camera

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- 5 megapixel CMOS image sensor
- Video without compression, no delay with high quality and real-time monitoring.
- 2.8–12 mm manual vari-focal lens
- 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)
- IP66 rain and dust resistant
- Vandal resistant approve
- Video Output: AHD 5MP or CVBS 960H

Video performance	
Model	AHD605AX4.2
Min. Illumination	Color：0.025 Lux at F1.4 B/W：0 Lux with IR LED ON
Live Video Output	AHD / TVI / CVI / CVBS
Resolution	2,592(H)x1,944(V)@20fps

Night vision (infrared LED)	
Focal Length	2.8~12 mm
Iris	F1.4
Iris Control	Fixed IRIS
Angle of View	91°–28°(H) 67.5°–21.2°(V) 120.8°–36°(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	IP66
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
Auto Focus	-
White Balance	ATW / Manual
Electrical Shutter	1/30(1/25)s – 1/60,000s
Back Light Compensation	Yes

Mechanical	
Dimension	Ø132 × 102(H) mm
Weight	530g
Color	White
Casing Material	Aluminum alloy

Power	
Power Supply	DC 12V±10%
Power Consumption	5W

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