



D/N 1080P AHD VARI-FOCAL IR Camera



Features

- Video Output: AHD 1080P / AHD 720P / Analog 1280H
- Video without compression, no delay with high quality and real-time monitoring.
- Long transmission distance–Coaxial cable (3C/5C): 300M / 500M, Twisted cable: 300M
- Seamless compatibility with the standard Analog equipment
- Automatically activates IR LED: Below 10Lux
- UTC function (AHD-Coaxial protocol)

Specifications

Model	AHD842AX4.2
Resolution	1,920 (H) x 1,080 (V) @ 30/25 fps
Lens	2.8-12mm
Iris	F1.4

Angle of View	(H)91°-28° (V)67.5°-21.2° (D)120.8°-36°
Max IR distance	20M
Infrared LED Angle	30°
Peak wavelength	850nm
Window / Glass Thickness	φ59 Heat Resistant Glass
Image Sensor/Sensor type	1/2.9" CMOS Image Sensor
Effective pixels	1,984 (H) × 1,105 (V)
Scanning System	Progressive Scan
Menu Control	OSD Control
Sync. Mode/ Synchronization	Internal
IR cut filter	Auto Selectable, Automatic Switch from Color Mode to Monochrome
Min. illumination/Low Light Mode (Colour)	0.02 Lux / F1.4, 0 Lux (IR On)
S / N Ratio	More Than 55dB (AGC Off)
UTC	AHD-Coaxial protocol Supported
Auto Gain Control	Auto (16 Steps)
White Balance	ATW / AWC / INDOOR / OUTDOOR / MANUAL / AWB
Shutter Time	(Auto)1/60(1/50)S ~ 1/50,000S (Manual)1/30(1/25)S, 1/60(1/50)S, FLK, 1/240S, 1/480S, 1/1,000S, 1/2,000S, 1/5,000S, 1/10,000S, 1/50,000S
Sense Up	OFF / AUTO (X2 ~ X30)
2D WDR	OFF / ON / AUTO
Back Light Compensation (BLC)	OFF / BLC / HSBLCL
3D Noise Reduction	2DNR & 3DNR
Defog	OFF / AUTO
Privacy Masking	OFF / ON
Privacy masking Zone	4 Zones
Languages	ENG / CHN1 / CHN2 / GER / FRA / ITA / SPA / POL / RUS / POR / NED / TUR / KOR / JPN / HEB / ARB
Video input / output	AHD 1080P / AHD 720P / 1280H
Operating temperature	- 40°C - + 50°C (-40°F - 122°F)

IP Rating	IP66
Dimensions	68mm(W) x 69mm(H) x 214mm
Weight	470g
Power Supply	DC12V ±10%
Power Consumption	7.8W
