

HIKVISION

Analog Camera Technical Manual

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DS-2CC12A1P(N)-AVFIR3



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Adopt a mount for routing cables through
- Ingress Protection level: IP66

Specification

Parameter	Model	DS-2CC12A1P(N)-AVFIR3
		700 TVL CCD IR Bullet Camera (ICR & Vari-focal & Weather-proof)
Camera		
Image Sensor		1/3" SONY CCD
Signal System		PAL/NTSC
Effective Pixels		PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination		0.001Lux @ (F1.2,AGC ON) ,0 Lux with IR 0.0014Lux @ (F1.4,AGC ON),0 Lux with IR

Shutter Time	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night/ EXT1/ EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	English/Chinese/ Korean/ Italian/ Russian/ Portuguese/ German/ French
Function	Smart IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 7.5 W (Max. 8 W with IR cut filter on)
Ingress Protection level	IP66
IR Range	Approx. 30 to 40 meters
Dimension	88 × 89.4 × 257.7mm(φ 3.46" x 3.52" x 10.15")
Weight	1350g (2.97 lbs)

Order Models

DS-2CC12A1P-AVFIR3

DS-2CC12A1N-AVFIR3

Dimension

