



Key Features

- 5MP resolution @ 30FPS, 4MP @ CVI
- 0.08Lux@F1.6(Color), 0Lux(B/W : IR LED on)
- 3.6mm fixed focal lens FoV H: 94° / V: 54°
- Day & Night (ICR), DWDR
- IR distance 20m(65.62 feet ft)
- IP67, IK10
- 12v DC power
- Transmission distance Max.500m
- Easy installation (Plug & play), Coaxial control
- Multi-protocol compatible with AHD, TVI, CVI, CVBS



When it comes to installation and maintenance, the Hanwha ACO-8020R A-Series camera is a breeze. It operates on 12VDC, making it easy to connect to a power source. Its compact and durable design also allows for easy mounting on walls or ceilings.

At Collsam Security, we are proud to be your trusted source for Hanwha Vision cameras, and we highly recommend the ACO-8020R A-Series camera for all your surveillance needs. With its advanced features and reliable performance, this camera is guaranteed to provide the ultimate security for your property.

Specifications

Video	
Imaging Device	1/2.5" CMOS
Resolution	2592x1944, 2560x1440
Max. Framerate	Max. 30fps (@5MP Max. 20fps, CVI supports up to 4M)
Min. Illumination	Color : 0.4Lux (F1.6, 1/30sec) B/W : 0Lux (IR LED on)
Video Out	BNC: AHD/TVI/CVI/CVBS Selectable
Video Transmission Distance	300m(5C2V Coaxial Cable)
Lens	
Focal Length (Zoom Ratio)	3.6mm fixed focal
Max. Aperture Ratio	F1.6
Angular Field of View	H: 83.9° / V: 63.4° / D :104°
Min. Object Distance	0.8m(2.62ft)
Operational	
Day & Night	Auto(ICR)
Backlight Compensation	BLC
Wide Dynamic Range	DWDR
Digital Noise Reduction	2D + 3DNR
Gain Control	OFF/LOW/MIDDLE/HIGH
White Balance	ATW / AWC
Electronic Shutter Speed	AUTO(1/30~1/50,000)
Video Rotation	MIRROR/V-FLIP/ROTATE
IR Viewable Length	20m(65.62ft)
Coaxial Protocol	ACP(AHD Coax Protocol), TCP(TVI Coax Protocol), CCP(CVI Coax Protocol) CVBS: Pelco-C(Coaxitron)
Environmental & Electrical	
Operating Temperature / Humidity	-30°C~+55°C(-22°F~+131°F) / 0~90% RH
Storage Temperature / Humidity	-30°C~+60°C(-22°F~+140°F) / 0~90% RH
Certification	IP67, IK10
Input Voltage	12VDC
Power Consumption	Max 5.4W, Typical 4.3W
Mechanical	
Color / Material	White / Aluminum / Plastic
Product Dimensions / Weight	70(W)x69(H)x186(D)mm(2.76"x2.72"x7.32"), 420g(0.93lb)
Backbox	SBV-A14B
Certifications & Standards	
EMC	FCC 47 CFR 15 Subpart B Class A ICES-3(A)/NMB-3(A)
Safety	UL 62368-1, CAN/CSA C22.2 NO. 62368-1 IEC 62471