

# ACO-8020R

5MP IR Bullet Camera

 Hanwha Vision

Analog



## 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 Distribution, 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.

Design and specifications are subject to change without notice. The latest product information / specification can be found at [HanwhaVision.com](http://HanwhaVision.com) Hanwha Vision is formerly known as Hanwha Techwin.

© Hanwha Vision CO., LTD. All rights reserved.

## Specifications

|                                       |  |
|---------------------------------------|--|
| <b>Video</b>                          |  |
| 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)<br>B/W : 0Lux (IR LED on)   |
| Video Out                             | BNC: AHD/TVI/CVI/CVBS Selectable   |
| Video Transmission Distance           | 300m(5C2V Coaxial Cable)   |
| <b>Lens</b>                           |  |
| 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)   |
| <b>Operational</b>                    |  |
| 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)<br>CVBS: Pelco-C(Coaxitron) |
| <b>Environmental &amp; Electrical</b> |  |
| 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   |
| <b>Mechanical</b>                     |  |
| 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   |
| <b>Certifications &amp; Standards</b> |  |
| 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  |

Design and specifications are subject to change without notice. The latest product information / specification can be found at [HanwhaVision.com](http://HanwhaVision.com) Hanwha Vision is formerly known as Hanwha Techwin.

© Hanwha Vision CO., LTD. All rights reserved.