



Analog

# ACV-8080R

5MP IR Dome Camera



## Key Features

- Maximum 5MP resolution, Up to 20fps
- Day&Night (ICR)
- IR viewable length: 20m (65.62ft)
- Focal length: 4.3mm~10.5mm (2.44x) motorized varifocal
- IP66, IK10

# ACV-8080R

5MP IR Dome Camera



## 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)<br>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)        | 4.3mm~10.5mm (2.44x) motorized varifocal   |
| Max. Aperture Ratio              | F1.6   |
| Angular Field of View            | H: 88°(Wide)~34°(Tele)<br>V: 63°(Wide)~26°(Tele)<br>D: 112°(Wide)~43°(Tele)                        |
| Min. Object Distance             | 0.8m(2.62ft)   |
| Pan / Tilt / Rotate              |  |
| Pan / Tilt / Rotate Range        | 0°~354° / 0°~70° / 0°~360°   |
| Operational                      |  |
| Day & Night                      | Auto(ICR)  |
| Backlight Compensation           | BLC  |
| Wide Dynamic Range               | DWDR   |
| Digital Noise Reduction          | 2D + 3DNR  |
| Gain Control                     | 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) |
| 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                    | IP66, IK10   |
| Input Voltage                    | 12VDC  |
| Power Consumption                | Max 7.2W, Typical 5.8W   |

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.

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**Mechanical**

|                             |   |
|-----------------------------|---|
| Color / Material            | White / Aluminum / Plastic              |
| Product Dimensions / Weight | ø132x103mm(ø5.20"x 4.06"), 550g(1.21lb) |
| Backbox                     | SBV-A14B                                |

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**Certifications & Standards**

|        |   |
|--------|---|
| EMC    | FCC 47 CFR 15 Subpart B Class A<br>ICES-3(A)/NMB-3(A) |
| Safety | UL 62368-1, CAN/CSA C22.2 NO. 62368-1<br>IEC 62471    |

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