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
Hanwha Vision is formerly known as Hanwha Techwin.

## Mechanical

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

## 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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