

Analog Dome

# HCV-8080RVP

## 5MP Analog HD Vandal-Resistant Dome Camera

## Key Features

- 5MP Resolution
- 0.11 Lux @ F1.6 (Color), 0 Lux (B/W: IR LED on)
- Day/Night (ICR), WDR (120dB)
- SSNRIV, Motion Detection
- Up to 500m transmission distance
- Easy installation
- Comparible with VP Controller(SPV-401/801)

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com
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# HCV-8080RVP

5MP Analog HD Vandal-Resistant Dome Camera



## Specifications

### Video

| | | |
|---|---|---|
| **Imaging Device** | Size | 1/2.8" |
| | Type | CMOS |
| **Resolution** | | 2592x1944, 2560x1440 |
| **Max. Framerate(NTSC/PAL)** | | 30fps (@5MP Max. 20fps) |
| **Min. Illumination** | Color(1/30sec, 30IRE) | 0.11Lux |
| | BW(1/30sec, 30IRE) | 0.011Lux(IR LED off) |
| **Video Out** | | BNC(AHD/TVI selectable)<br>AHD: 5M/4M/2M, TVI: 2M |
| **Video Transmission Distance** | | 500m(5C2V Coaxial Cable) |

### Lens

| | | |
|---|---|---|
| **Focal Length (mm)** | | 3.47~10mm(2.88x) motorized varifocal |
| **Max Aperture Ratio (F number)** | Wide | 1.6 |
| | Tele | 2.9 |
| **Angular Field of View** | Horizontal | 90.92˚(Wide) ~ 31.2˚(Tele) |
| | Vertical | 66.27˚(Wide) ~ 23.5˚(Tele) |
| | Diagonal | 119.14˚(Wide) ~ 38.8˚(Tele) |
| **Min. Object Distance** | | 0.5m(1.64ft) |
| **Focus Control** | | Simple focus, Manual |
| **Lens Type** | | DC auto iris(IR corrected) |

### Pan / Tilt / Rotate

| | | |
|---|---|---|
| **Pan / Tilt / Rotate Range** | Pan | 0° ~ 350° |
| | Tilt | 0° ~ 67° |
| | Rotate | 0° ~ 355° |

### Operational

| | |
|---|---|
| **Camera Title** | Displayed up to 15 characters |
| **Day & Night** | Auto(ICR) |
| **Backlight Compensation** | BLC, HLC, WDR |

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## Operational

| | | |
|---|---|---|
| **Wide Dynamic Range (dB)** | | 120 |
| **Digital Noise Reduction** | | SSNRIV |
| **Defog** | | Support |
| **Motion Detection** | Quantity | 4ea |
| **Privacy Masking** | Color / Option | 16ea Rectangular zones / 8ea Polygonal zones |
| **Gain Control** | | Low, Middle, High, Off |
| **White Balance** | | ATW, AWC, Manual, Indoor, Outdoor |
| **Electronic Shutter** | Speed Range | 1~1/12,000sec |
| **Video Rotation** | | Flip, Mirror |
| **Alarm Interface** | In/Out | Output 1ea |
| | Others | MD output |
| **Alarm Triggers** | | Analytics |
| **Alarm Events When Alarm Trigger Occurred** | | Alarm output |
| **IR Viewable Length** | | 30m (98.43ft) |
| **Coaxial Protocol** | | ACP, TCP |

## Environmental & Electrical

| | | |
|---|---|---|
| **Operating Condition** | Temperature | -30°C~+55°C(-22°F~+131°F) |
| | Humidity | 0~90% RH(non-condensing) |
| | Others | Start up should be done at above -10°C |
| **Input Voltage** | | Compatible with VP controller(SPV-401/801) |
| **Power Consumption** | 33VDC | Max 8.3W |

## Mechanical

| | |
|---|---|
| **Color** | Ivory |
| **Material** | Aluminum |
| **Product Dimensions** | Ø137.0 x 106.1mm(Ø5.39" x 4.18") |
| **Product Weight** | 711g |

## Certifications & Standards

| | |
|---|---|
| **Environment** | IEC 60529 IP66, IEC 62262 IK10 |

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