

HCD-8080R



Analog

# HCD-8080R

AHD 5MP Dome Camera



## Key Features

- 5MP Resolution
- 0.11 Lux@F1.6 (Color), 0 Lux (B/W : IR LED on)
- 3.47 ~ 10mm (2.88x) motorized V/F lens
- Day & Night (ICR), WDR (120dB)
- SSNRIV, Motion detection
- IR viewable length 20m
- Transmission distance max.500m
- Easy Installation (Plug & play), Dual power

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AHD 5MP 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/CVI/CVBS selectable) AHD: 5M/4M/2M, TVI: 2M, CVI: 2M |
| Video Transmission Distance |                       | 500m(5C2V Coaxial Cable, AHD condition)                          |

### 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                 |

## 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                       |                | 20m(98.42ft)                                 |
| Coaxial Protocol                         |                | ACP, TCP, CCP, CVBS                          |

## Environmental & Electrical

|                     |             |                           |
|---------------------|-------------|---------------------------|
| Operating Condition | Temperature | -10°C~+55°C(+14°F~+131°F) |
|                     | Humidity    | 0~90% RH(non-condensing)  |
| Input Voltage       |             | 24VAC, 12VDC              |
| Power Consumption   | 12VDC       | Max 6.5W                  |
|                     | 24VAC       | Max 6.5W                  |

## Mechanical

|                    |  |                                  |
|--------------------|--|----------------------------------|
| Color              |  | Ivory                            |
| Material           |  | Plastic                          |
| Product Dimensions |  | Ø119.8 x 98.5mm (Ø4.72" x 3.88") |
| Product Weight     |  | 330g                             |