



## HHC-PP270Z

HD ANALOG 1080P / **Optical x4 Zoom**  
CMOS COLOR IR BULLET CAMERA

### FEATURES

- 1/2.9" 2.1Megapixel SONY Exmor CMOS
- 1080P AHD, TVI & CVBS Solution
- Min. Illumination of 0.0005Lux
- True Day & Night
- Defog(Visibility enhancement on the low contrast scene)
- 2D & 3D Digital Noise Reduction
- Motion Detection, Privacy Masking (4 Zone)
- 70pcs IR LED(80m)
- DC Varifocal Motorized ICR Lens f=2.7~12.0mm(5~50mm option)
- IP67 Waterproof
- External OSD Key control
- Built-in Function Box

### DIMENSION



### CAMERA SPECIFICATIONS

|                          |                                                            |
|--------------------------|------------------------------------------------------------|
| Signal Format            | NTSC/PAL                                                   |
| Image Sensor             | 1/2.9" 2.1Mega pixel SONY Exmor CMOS                       |
| Effective Pixels         | 1984(H) x 1105(V)                                          |
| Scanning System          | Progressive Scan                                           |
| Resolution               | HD Analog : 1920 x1080p                                    |
|                          | Analog : 1280H                                             |
| Min. Illumination        | Color : 0.1 lux, 0.001Lux(Sense-up x30)                    |
|                          | B/W : 0.08 lux, 0.0005 Lux(Sense-up x30)                   |
| Electronic Shutter Speed | AUTO / FLK                                                 |
|                          | NTSC : 1/30~1/60,000sec PAL : 1/25~1/50,000sec             |
| S/N Ratio                | More than 52dB (AGC off)                                   |
| Backlight Compensation   | BLC / HSBLC                                                |
| White Balance            | ATW / AWC-SET / INDOOR / OUTDOOR / MANUAL / AWB            |
| 2D + 3D DNR              | OFF / LOW / MIDDLE / HIGH                                  |
| Day & Night              | AUTO / COLOR / BW / EXT                                    |
| Sense-up                 | Auto(x6) / x2 / x4 / x6 / x8 / x10 / x15 / x20 / x25 / x30 |
| D-WDR                    | ON / OFF                                                   |
| Motion Detection         | ON / OFF                                                   |
| Privacy Masking          | 4 Zone                                                     |
| Defog                    | ON / OFF                                                   |
| D-EFFECT                 | OFF / MIRROR / V-FLIP / ROTATE & FREEZE                    |
| Communication            | Coaxial Comm..                                             |
| Lens                     | DC Varifocal Motorized ICR Lens f=2.7~12.0mm               |
| Power Supply             | DC 12V $\pm$ 30%                                           |
| Power Consumption        | Max. 8.5W                                                  |
| Operating Temperature    | -10°C ~ +50°C (Humidity : 0%RH ~ 90%RH)                    |
| Dimension                | 127(W) x 102(H) x 405(D)mm                                 |
| Weight                   | Approx. 2.4kg(W/Sunshield & Bracket)                       |