





* **2 Megapixel High Resolution**
* **Analog HD output, up to 1080p resolution**
* **True Day/Night**
* **OSD Menu, 3D DNR, Smart IR**
* **True WDR, up to 120dB**
* **EXIR technology, up to 40m IR distance**
* **IP66 weatherproof**
* **Up the Coax(Pelco-C protocol)**

**Key Features**

**HAC304-FD4**

**HD1080P WDR EXIR Turret Camera**

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| **Specifications** | |
| ***Camera*** | |
| Image Sensor | 2MP CMOS Image Sensor |
| Signal System | PAL/NTSC |
| Effective Pixels | 1944(H)\*1092(V) |
| Min. illumination | 0.01 Lux @ (F1.2,AGC ON),0 Lux with IR |
| Shutter Time | 1/25(1/30)s to 1/50,000s |
| Lens | 3.6mm (2.8mm, 6mm, 8mm, 12mm, 16mm optional) |
| Lens Mount | φ12 |
| Day & Night | ICR |
| Angle Adjustment | Pan: 0 – 360°, Tilt: 0-180°, Rotation: 0 – 360° |
| Angle of View | 82.6°(3.6mm), 54.4°(6mm), 103.5°(2.8mm), 38°(8mm), 24.4°(12mm), 18.9°(16mm) |
| CVBS Output | 1Vp-p Composite Output(75/BNC) |
| WDR | 120dB |
| Video Frame Rate | 1080p@25fps/1080p@30fps |
| HD Video Output | 1 Analog HD output |
| S/N Ratio | ＞62dB |
| ***Menu*** | |
| Scene | Indoor, Outdoor, Indoor1, LOW-LIGHT |
| Camera ID | On/off (15 characters, position programmable) |
| AGC | Support |
| D/N Mode | Color/BW/SMART |
| White Balance | ATW/AWC-Set/Manual |
| BLC | Support |
| Functions | HSBLC, Digital noise reduction, Digital zoom(62x), Slow shutter, Mirror, Defog, Defect pixel correction, SMART D-ZOOM |
| Anti-flicker | On/Off |
| Privacy Mask | On/Off, maximum 8 zones |
| Motion Detection | On/Off, maximum 4 zones |
| Language | English, Japanese, CHN1, CHN2, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew and Arabic |
| ***General*** | |
| Operating Conditions | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 90% or less (non-condensing) |
| Power Supply | 12 VDC±15% |
| Power Consumption | Max. 5W |
| Protection Level | IP66 |
| IR Range | Up to 40m |
| Communication | Up the coax, Protocol: Pelco-C(CVBS Output), Perfect View (TVI-Output) |
| Dimensions | Φ114 mm x 89.1 mm (Φ4.5” x 3.5”) |
| Weight | 450g |
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