



HD Guardian 1080p Camera CHDT2IR28



- Max 30 fps@1080p
- Smart IR illumination
- 50 m illumination distance
- 2.8mm fixed lens
- CVI/CVBS/AHD/TVI switchable
- IP67, 12VDC



| Category | Specification |
|--------------------------|---|
| Camera | |
| Image Sensor | 2 MP CMOS |
| Max. Resolution | 1920 (H) × 1080 (V) |
| Scanning System | Progressive |
| Electronic Shutter Speed | PAL: 1/25s - 1/100000s NTSC: 1/30s - 1/100000s |
| Min. Illumination | 0.01 lux@F2.0 (Color, 30 IRE) 0.001 lux@F2.0 (B/W, 30 IRE) 0 lux (Illuminator on) |
| S/N Ratio | >65 db |
| Illumination Distance | 50m (164.04 ft) |
| Illumination Control | Auto |
| Illuminator Number | 1 (IR light) |
| Angle Adjustment | Pan: 0°-360° Tilt: 0°-78° Rotation: 0°-360° |
| Lens | |
| Lens Type | Fixed-focal |
| Lens Mount | M12 |
| Focal Length | 2.8 mm |
| Max. Aperture | F2.0 |
| Field of View | H: 99°; V: 55°; D: 114° |
| Iris Control | Fixed |
| Close Focus Distance | 0.6m (1.97ft) |
| DORI Distance | Detect: 45.1 m; Observe: 18.1 m; Recognize: 9.0 m; Identify: 4.5 m |
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| Video | |
| Video Frame Rate | CVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps AHD: PAL: 1080p@25 fps; NTSC: 1080p@30 fps TVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps CVBS: PAL: 960H; NTSC: 960H |
| Resolution | 1080p (1920 x 1080); 960H (960 x 576/960 x 480) |
| Day/Night | Auto(ICR)/Color/B/W |
| BLC | BLC; HLC; DWDR |
| WDR | DWDR |
| White Balance | Auto; Area white balance |
| Gain Control | Auto |
| Noise Reduction | 3D NR |
| Illumination Mode | Smart IR |
| Mirror | Yes |
| Privacy Masking | Off/On (8 areas, rectangle) |
| Certification | |
| Certifications | CE-LVD: EN 62368-1; CE-EMC: EN 55032; EN 55035; FCC: 47 CFR FCC Part 16, Subpart B |
| Port | |
| Video Output | CVI/TVI/AHD/CVBS by one BNC port |
| Power | |
| Power Supply | 12 VDC \pm 30% |
| Power Consumption | Max 3.2 W (12 VDC, IR on) |
| Environment | |
| Operating Temperature | -40°C to +60°C (-40°F to +140°F) |
| Operating Humidity | <95% (RH), non-condensing |
| Storage Temperature | -40°C to +60°C (-40°F to +140°F) |
| Storage Humidity | <95% (RH), non-condensing |
| Protection | IP67 |
| Structure | |
| Casing Material | Metal |
| Product Dimensions | Φ 106.0 mm \times 93.6 mm (Φ 4.17" \times 3.69") |
| Net Weight | 0.44 kg (0.97 lb) |
| Gross Weight | 0.60 kg (1.32 lb) |

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| Accessories | |
| Junction Box | RFB130-E |
| Wall Mount | RFB204 |
| Junction Box Bracket | RFB345 |