

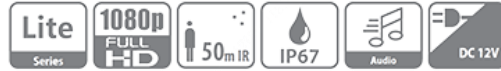
## KX-C2004S5

### 2MP HDCVI IR Eyeball Camera

Design and specifications are subject to change without notice. Pictures in the document are for reference only, and the actual product shall prevail.



- Max 30fps@1080P
- HD and SD output switchable
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Max. IR length 50m, Smart IR
- IP67, DC12V



| Camera                      |  |
|-----------------------------|--|
| Image Sensor                | 1/2.7 inch CMOS  |
| Effective Pixels            | 1920(H)×1080(V), 2MP   |
| Scanning System             | Progressive  |
| Electronic Shutter Speed    | PAL: 1/25s–1/100000s<br>NTSC: 1/30s–1/100000s  |
| S/N Ratio                   | >65dB  |
| Minimum Illumination        | 0.02Lux/F1.9, 30IRE, 0Lux IR on  |
| Fill Light Working Distance | 50 m (164 ft)  |
| IR On/Off Control           | Auto; manual   |
| IR LED Number               | 1  |
| Pan/Tilt/Rotation Range     | Pan: 0°–360°<br>Tilt: 0°–78°<br>Rotation: 0°–360°  |
| Lens                        |  |
| Lens Type                   | Fixed-focal  |
| Mount Type                  | M12  |
| Focal Length                | 2.8 mm;<br>3.6 mm;<br>6 mm   |
| Max. Aperture               | F1.9   |
| Field of View               | 2.8 mm: 119° x 101° x 54°<br>(diagonal x horizontal x vertical)<br>3.6 mm: 100° x 84° x 45°<br>(diagonal x horizontal x vertical)<br>6 mm: 60° x 56° x 30°<br>(diagonal x horizontal x vertical) |
| Iris Type                   | Fixed iris   |
| Close Focus Distance        | 2.8 mm: 0.5 m (1.7 ft)<br>3.6 mm: 0.8 m (2.6 ft)<br>6 mm: 2 m (6.6 ft)   |

|                   | Lens  | Detect               | Observe              | Recognize           | Identify           |
|-------------------|---|----------------------|----------------------|---------------------|--------------------|
| DORI Distance     | 2.8 mm  | 38.6 m<br>(126.6 ft) | 15.4 m<br>(50.5 ft)  | 7.7 m<br>(25.3 ft)  | 3.9 m<br>(12.8 ft) |
|                   | 3.6 mm  | 49.7 m<br>(163.1 ft) | 19.9 m<br>(65.3 ft)  | 9.9 m<br>(32.5 ft)  | 5 m<br>(16.4 ft)   |
|                   | 6 mm  | 82.8 m<br>(271.7 ft) | 33.1 m<br>(108.6 ft) | 16.6 m<br>(54.5 ft) | 8.3 m<br>(27.2 ft) |
| Video             |   |                      |                      |                     |                    |
| Frame Rate        | CVI: 1080P@25/30fps; 720P@25/30fps;<br>720P@50/60fps;<br>AHD: 1080P@25/30fps; 720P@25/30fps;<br>TVI: 1080P@25/30fps; 720P@25/30fps;<br>720P@50/60fps;<br>CVBS: 960H |                      |                      |                     |                    |
| Resolution        | 1080P (1920×1080); 720P (1280×720); 960H (960×576/960×480)  |                      |                      |                     |                    |
| Day/Night         | Auto switch by ICR  |                      |                      |                     |                    |
| BLC               | BLC/HLC/DWDR  |                      |                      |                     |                    |
| WDR               | DWDR  |                      |                      |                     |                    |
| White Balance     | Auto; manual  |                      |                      |                     |                    |
| Gain Control      | Auto; manual  |                      |                      |                     |                    |
| Noise Reduction   | 2D NR   |                      |                      |                     |                    |
| Smart IR          | Yes   |                      |                      |                     |                    |
| Electronic Defog  | Yes   |                      |                      |                     |                    |
| Mirror            | Off/On  |                      |                      |                     |                    |
| Privacy Masking   | Off/On (8 area, rectangle)  |                      |                      |                     |                    |
| Port              |   |                      |                      |                     |                    |
| Audio Output      | N/A   |                      |                      |                     |                    |
| Video Output      | Video output choices of CVI/TVI/AHD/CVBS by one BNC port  |                      |                      |                     |                    |
| Power             |   |                      |                      |                     |                    |
| Power Supply      | 12V ±30% DC   |                      |                      |                     |                    |
| Power Consumption | Max 3.2W (12V DC, IR on)  |                      |                      |                     |                    |

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| Environment           |  |
|-----------------------|--|
| Operating Temperature | -40°C to +60°C (-40°F to 140°F); <95% (non-condensation) |
| Storage Temperature   | -40°C to +60°C (-40°F to 140°F); <95% (non-condensation) |
| Protection Grade      | IP67   |
| Structure             |  |
| Casing                | Mental throughout the whole casing                       |
| Camera Dimensions     | φ106.0 mm × 93.6 mm (φ4.17" × 3.69")                     |
| Net Weight            | 0.44 Kg (0.97 lb)  |
| Gross Weight          | 0.59 Kg (1.3 lb)   |

#### Dimensions (mm[inch])

