

KX-D2007PC3

2MP 25x Starlight IR HDCVI PTZ Camera

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



- 1/2.8" 2Megapixel STARVIS™ CMOS.
- Powerful 25x optical zoom.
- Starlight technology.
- 120 dB true WDR, 3D NR.
- Max. 25/30 fps@1080p, 25/30/50/60 fps@720p.
- IR distance up to 150 m.
- IP66.



| Camera | | | | |
|----------------------------|--|-------------------------|-------------------------|------------------------|
| Image Sensor | 1/2.8" CMOS | | | |
| Pixel | 2 MP | | | |
| Max. Resolution | 1920 (H) × 1080 (V) | | | |
| ROM | 128 MB | | | |
| RAM | 256 MB | | | |
| Electronic Shutter Speed | 1/3 s–1/30,000 s | | | |
| Scanning System | Progressive | | | |
| Min. Illumination | 0.005 lux@F1.6 (Color, 30 IRE); 0.0005 lux@F1.6 (B/W, 30 IRE) 0 lux (IR light) | | | |
| Illumination Distance | 150 m (492.13 ft) (IR) | | | |
| Illuminator On/Off Control | Zoom Prio; manual | | | |
| Illuminator Number | 4 (IR) | | | |
| Lens | | | | |
| Focal Length | 4.8 mm–120 mm | | | |
| Max. Aperture | F1.6–F3.5 | | | |
| Field of View | H: 60.6°–3.2°; V: 34.1°–1.8°; D: 69.4°–3.7° | | | |
| Optical Zoom | 25x | | | |
| Focus Control | Auto; semi-auto; manual | | | |
| Close Focus Distance | 0.1 m–2 m (0.33 ft–6.56 ft) | | | |
| Iris Control | Auto; manual | | | |
| DORI Distance | Detect | Observe | Recognize | Identify |
| | 1655.2 m (5430.45 ft) | 653.8 m (2145.01 ft) | 331.0 m (1085.96 ft) | 165.5 m (542.98 ft) |
| PTZ | | | | |
| Pan/Tilt Range | Pan: 0° to 360° endless; Tilt: –15° to +90°, auto flip 180° | | | |
| Manual Control Speed | Pan: 0.1°–300°/s Tilt: 0.1°–200°/s | | | |

| Preset Speed | Pan: 400°/s; Tilt: 300°/s |
|-------------------------|---|
| Preset | 300 |
| Tour | 8 (up to 32 presets per tour) |
| Pattern | 5 |
| Scan | 5 |
| Power-off Memory | Yes |
| Idle Motion | Pattern;Preset;Scan;Tour |
| PTZ Protocol | DH-SD Pelco-P/D (Auto recognition) |
| Video | |
| Resolution | 1080p (1920 × 1080); 720p (1280 × 720); D1 (704 × 576/704 × 480) |
| Video Frame Rate | 1080p (25/30 fps); 720p (25/30/50/60 fps) |
| Day/Night | Yes |
| BLC | Yes |
| WDR | 120dB |
| HLC | Yes |
| White Balance | Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp |
| Gain Control | Auto; manual |
| Noise Reduction | 2D NR; 3D NR |
| Defog | Electronic |
| Digital Zoom | 16x |
| Image Rotation | 180° |
| Privacy Masking | Yes |
| S/N Ratio | ≥50 dB |
| Function | |
| CVI Product Output Mode | TVI;CVI;CVBS;AHD(CVBS is only used for debugging) |
| Port | |
| Analog Output | 1 channel (CVBS/CVI output, BNC) |

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| | |
|-----------------------|---|
| RS-485 | 1 (baud rate range: 1200 bps–9600 bps) |
| Audio Input | 1 channel (LINE IN, bare wire) |
| Alarm Input | 2 (on-off value input: 0–5 VDC) |
| Alarm Output | 1 |
| Alarm Linkage | Scan; preset; tour; pattern; alarm digital output |
| Alarm Event | Alarm input |
| Power | |
| Power Supply | 24 VDC, 2.5 A ± 25% |
| Power Consumption | Basic: 10 W Max.: 21 W (PTZ + illuminator) |
| Environment | |
| Operating Temperature | –40 °C to +70 °C (–40 °F to +158 °F) |
| Operating Humidity | ≤95% |
| Protection | IP66; TVS 6000V lightning proof; surge protection; voltage transient protection |
| Structure | |
| Product Dimensions | 310.0 mm × Φ185.7 mm (12.20" × Φ7.31") |
| Net Weight | 3.9 kg (8.60 lb) |
| Gross Weight | 7.2 kg (15.87 lb) |

Dimensions (mm [inch])

