

KX-S2001CA4

2MP Starlight HDCVI IR Bullet Camera



Starlight

- Max. 30fps@1080P
- HD and SD output switchable
- Built-in mic
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Max. IR length 40m, Smart IR
- IP67, DC12V



Technical Specification

Camera

| | |
|--------------------------|---|
| Image Sensor | 1/2.8" CMOS |
| Effective Pixels | 1920(H)×1080(V), 2MP Sony |
| Scanning System | Progressive |
| Electronic Shutter Speed | PAL: 1/25~1/100000s NTSC: 1/30~1/100000s |
| Minimum Illumination | 0.005Lux/F1.6, 30IRE, 0Lux IR on |
| S/N Ratio | More than 65dB |
| IR Distance | Up to 40m (131feet) |
| IR On/Off Control | Auto / Manual |
| IR LEDs | 2 |

Lens

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|----------------------|--|
| Lens Type | Fixed lens / Fixed iris |
| Mount Type | Board-in |
| Focal Length | 3.6mm (2.8mm, 6mm Optional) |
| Max Aperture | F1.6 |
| Angle of View | H: 86.9° (106.0°/52.9°) |
| Focus Control | N/A |
| Close Focus Distance | 1200mm (600mm/2400mm) 47.2" (23.6"/94.5") |

DORI Distance

Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

| | DORI Definition | Distance |
|-----------|----------------------|-------------------|
| Detect | 25px/m (8px/ft) | 2.8mm: 39m(127ft) |
| | | 3.6mm: 55m(181ft) |
| | | 6mm: 83m(272ft) |
| Observe | 63px/m (19px/ft) | 2.8mm: 15m(51ft) |
| | | 3.6mm: 22m(73ft) |
| | | 6mm: 33m(109ft) |
| Recognize | 125px/m (38px/ft) | 2.8mm: 8m(25ft) |
| | | 3.6mm: 11m(36ft) |
| | | 6mm: 17m(54ft) |
| Identify | 250ppm (76px/ft) | 2.8mm: 4m(13ft) |
| | | 3.6mm: 6m(18ft) |
| | | 6mm: 8m(27ft) |

Pan / Tilt / Rotation

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|-------------------|---|
| Pan/Tilt/Rotation | Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotation: 0° ~ 360° |
|-------------------|---|

Video

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|------------|--------------------------------------|
| Resolution | 1080P (1920×1080) |
| Frame Rate | 25/30fps@1080P, 25/30/50/60fps@720 P |

| | |
|-----------------|---|
| Video Output | 1-channel BNC high definition video output / CVBS video output (Can switch) |
| Day/Night | Auto (ICR) / Manual |
| OSD Menu | Multi-language |
| BLC Mode | BLC / HLC / DWDR |
| WDR | DWDR |
| Gain Control | AGC |
| Noise Reduction | 2D |
| White Balance | Auto / Manual |
| Smart IR | Auto / Manual |

Interface

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|-----------------|--------------|
| Audio Interface | Built-in mic |
|-----------------|--------------|

Electrical

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|-------------------|--------------------------|
| Power Supply | 12V DC ±30% |
| Power Consumption | Max 5.3W (12V DC, IR on) |

Environmental

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|--|---|
| Operating Conditions | -40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH * Start up should be done at above -40°C (-40°F) |
| Storage Conditions | -40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH |
| Ingress Protection & Vandal Resistance | IP67 |

Construction

| | |
|--------------|---|
| Casing | Aluminium (front cover) + Plastic (body) |
| Dimensions | 198.9mm×80.2mm×76.2mm (7.83"×3.16"×3.00") |
| Net Weight | 0.27kg (0.60lb) |
| Gross Weight | 0.42kg (0.93lb) |

Dimensions (mm/inch)

