

KX-AF8001S-DL-A

4K Smart Dual Light HDCVI Fixed-focal Bullet Camera

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- Max. 15 fps@4K.
- 120 dB true WDR, 3D NR.
- Smart Dual Light.
- 20 m illumination distance.
- Super Adapt.
- Built-in MIC.
- 3.6 mm fixed lens (2.8 mm optional).
- CVI/CVBS/AHD/TVI switchable.
- IP67, 12 VDC.



Camera																
Image Sensor	4K CMOS															
Max. Resolution	3840 (H) × 2160 (V)															
Scanning System	Progressive															
Electronic Shutter Speed	PAL: 1/25 s–1/100000 s NTSC: 1/30 s–1/100000 s															
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	IR: 20 m (65.62 ft) Warm light: 20 m (65.62 ft)															
Illuminator On/Off Control	Auto/Manual															
Illuminator Number	1 (Warm light); 1 (IR light)															
Pan/Tilt/Rotation Range	Pan: 0°–360° Tilt: 0°–90° Rotation: 0°–360°															
Lens																
Lens Type	Fixed-focal															
Lens Mount	M12															
Focal Length	2.8 mm; 3.6 mm															
Max. Aperture	F2.0															
Field of View	2.8 mm: H: 106°; V: 56°; D: 125° 3.6 mm: H: 88°; V: 46°; D: 105°															
Iris Control	Fixed															
Close Focus Distance	2.8 mm: 1.3 m (4.27 ft) 3.6 mm: 1.9 m (6.23 ft)															
DORI Distance	<table border="1"> <thead> <tr> <th>Lens</th> <th>Detect</th> <th>Observe</th> <th>Recognize</th> <th>Identify</th> </tr> </thead> <tbody> <tr> <td>2.8 mm</td> <td>88 m (288.71 ft)</td> <td>35.2 m (115.49 ft)</td> <td>17.6 m (57.74 ft)</td> <td>8.8 m (28.87 ft)</td> </tr> <tr> <td>3.6 mm</td> <td>106.7 m (350.07 ft)</td> <td>42.7 m (140.09 ft)</td> <td>21.3 m (69.88 ft)</td> <td>10.7 m (35.10 ft)</td> </tr> </tbody> </table>	Lens	Detect	Observe	Recognize	Identify	2.8 mm	88 m (288.71 ft)	35.2 m (115.49 ft)	17.6 m (57.74 ft)	8.8 m (28.87 ft)	3.6 mm	106.7 m (350.07 ft)	42.7 m (140.09 ft)	21.3 m (69.88 ft)	10.7 m (35.10 ft)
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Video	
Video Frame Rate	CVI: PAL: 4K@15 fps; 5M@25 fps; 4M@25 fps; 1080p@25 fps NTSC: 4K@15 fps; 5M@25 fps; 4M@30 fps; 1080p@30 fps AHD: PAL: 4K@15 fps NTSC: 4K@15 fps TVI: PAL: 4K@15 fps NTSC: 4K@15 fps CVBS: PAL: 960H NTSC: 960H
Resolution	4K (3840 × 2160); 5M (2880 × 1620); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576/960 × 480)
Day/Night	Auto(ICR)/Color/B/W
BLC	BLC; HLC; WDR; HLC-Pro
WDR	120 dB
White Balance	Auto; Area white balance
Gain Control	Auto/Manual
Noise Reduction	3D NR
Illumination Mode	Smart IR&WL; WL Mode; IR Mode
Defog	Electronic defog
Mirror	Yes
Privacy Masking	Off/On (8 areas, rectangle)
Port	
Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Audio Input	One channel built-in MIC
Power	
Power Supply	12 VDC ± 30%
Power Consumption	Max 4.2 W (12 VDC, LED on)
Environment	
Operating Temperature	–40 °C to +60 °C (–40 °F to +140 °F)

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Operating Humidity	<95% (RH), non-condensing
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
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Protection	IP67
Anti-corrosion Level	Low

Structure	
Casing Material	Metal
Product Dimensions	166.6 mm × 69.7 mm × 70.0 mm (6.56" × 2.75" × 2.75")
Net Weight	0.33 kg (0.73 lb)
Gross Weight	0.43 kg (0.95 lb)
Installation	Wall mount; ceiling mount; vertical pole mount

Dimensions (mm [inch])

