

## KX-C8203S

### 4K Starlight HDCVI Fixed IR Bullet 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. 15 fps@4K.
- 120 dB true WDR, 3D NR.
- Smart IR Illumination.
- 80 m illumination distance.
- Super Adapt.
- 3.6 mm fixed lens (2.8/6 mm optional).
- CVI/CVBS/AHD/TVI switchable.
- IP67, 12 VDC.



Camera																					
Pixel	8 MP																				
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	80 m (262.47 ft)																				
Illuminator On/Off Control	Auto/Manual																				
Illuminator Number	2 (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; 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° 6 mm: H: 55°; V: 31°; D: 62°																				
Iris Control	Fixed																				
Close Focus Distance	2.8 mm: 1.3 m (4.27 ft), 3.6 mm: 1.9 m (6.23 ft) 6 mm: 3.5 m (11.48 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> <tr> <td>6 mm</td> <td>154.7 m (507.55 ft)</td> <td>61.9 m (203.08 ft)</td> <td>30.9 m (101.38 ft)</td> <td>15.5 m (50.85 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)	6 mm	154.7 m (507.55 ft)	61.9 m (203.08 ft)	30.9 m (101.38 ft)	15.5 m (50.85 ft)
	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)																
6 mm	154.7 m (507.55 ft)	61.9 m (203.08 ft)	30.9 m (101.38 ft)	15.5 m (50.85 ft)																	

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 TVI: PAL: 4K@15 fps NTSC: 4K@15 fps AHD: PAL: 4K@15 fps NTSC: 4K@15 fps CVBS: PAL: 960H NTSC: 960H
Resolution	4K (3840 x 2160); 5M (2880 x 1620); 4M (2560 x 1440); 1080p (1920 x 1080); 960H (960 x 576/960 x 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
Smart Illumination	Smart IR
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
Power	
Power Supply	12 VDC ± 30%
Power Consumption	Max 6.4 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)

## KX-C8203S

### 4K Starlight HDCVI Fixed IR Bullet Camera

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

Protection	IP67
<b>Structure</b>	
Casing Material	Metal
Product Dimensions	240.7 mm × 90.7 mm × 90.4 mm (9.48" × 3.57" × 3.56")
Packaging Dimensions	299 mm × 119 mm × 111 mm (11.77" × 4.69" × 4.37")
Net Weight	0.65 kg (1.43 lb)
Gross Weight	0.87 kg (1.92 lb)
Installation	Wall mount; ceiling mount; vertical pole mount
<b>Dimensions (mm[inch])</b>	

