

# KX-C8205S-AM

## 4K Starlight HDCVI Motorized 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.
- Built-in MIC.
- Auto focus, 2.7 mm–13.5 mm motorized lens.
- 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@F1.5 (Color, 30 IRE)
	0.001 lux@F1.5 (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	4 (IR light)
Pan/Tilt/Rotation Range	Pan: 0°–360°
	Tilt: 0°–90°
	Rotation: 0°–360°
Lens	
Lens Type	Motorized Vari-focal
Auto Focus	Yes
Lens Mount	φ14
Focal Length	2.7 mm–13.5 mm
Max. Aperture	F1.5
Field of View	Horizontal: 114°–32° Vertical: 58°–17° Diagonal: 138°–36°
Iris Control	Fixed
Close Focus Distance	0.8m

	Lens	Detect	Observe	Recognize	Identify
DORI Distance	W	85.3 m (279.86 ft)	34.1 m (111.88 ft)	17.1 m (56.10 ft)	8.5 m (27.89 ft)
	T	280.0 m (918.64 ft)	112.0 m (367.45 ft)	56.0 m (183.73 ft)	28.0 m (91.87 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			
Resolution	AHD:	PAL: 4K@15 fps NTSC: 4K@15 fps			
	CVBS:	PAL: 960H NTSC: 960H			
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				
Motion Detection	Yes				
Illumination Mode	Smart IR				
Defog	Electronic defog				
Digital Zoom	4×				
Mirror	Yes				
Privacy Masking	Off/On (8 areas, rectangle)				

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Port	
Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Audio Input	One channel built-in MIC (-A)
Power	
Power Supply	12 VDC $\pm$ 30% (It is recommended to use a power adapter to supply the power for one camera)
Power Consumption	Max 10.6W (12 VDC, IR on)
Environment	
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	<95% (RH), non-condensing
Storage Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Protection	IP67
Structure	
Casing Material	Metal
Product Dimensions	90.4 mm $\times$ 90.1mm $\times$ 209.6 mm (3.56" $\times$ 3.55" $\times$ 8.25")

Net Weight	0.55 kg (1.21 lb)
Gross Weight	0.72 kg (1.59 lb)
Installation	Wall mount; ceiling mount; vertical pole mount
Dimensions (mm[inch])	

