

# KX-CAi2007ePC

## 2MP 25x Starlight IR PTZ HDCVI 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 DNR
- Max. 25/30 fps@1080P, 25/30/50/60 fps@720P
- IR distance up to 100 m
- IP66



Camera				
Image Sensor	1/2.8" STARVIS™ CMOS			
Pixel	2MP			
Max. Resolution	1920 (H) x 1080 (V)			
ROM	16 MB			
RAM	256 MB			
Electronic Shutter Speed	1/3 s–1/100000 s			
Scanning System	Progressive			
Min. Illumination	Color: 0.005 Lux@F1.6 B/W: 0.0005 Lux@F1.6 0 Lux@F1.6 (IR on)			
Illumination Distance	100 m (328.08 ft)			
Illuminator On/Off Control	Auto/Manual			
Illuminator Number	6			
Lens				
Focal Length	4.8 mm–120 mm			
Max. Aperture	F1.6–F3.5			
Field of View	H: 58.5°–2.8°; V: 33.2°–1.5°; D: 67.5°–3.2°			
Optical Zoom	25x			
Focus Control	Auto/Semi-Auto/Manual			
Close Focus Distance	0.1 m–1.5 m (0.33 ft–4.92 ft)			
Iris Control	Auto/Manual			
DORI Distance	Detect	Observe	Recognize	Identify
	1655.2 m (5430.45 ft)	656.8 m (2154.86 ft)	331.0 m (1085.96 ft)	165.5 m (542.98 ft)
PTZ				
Pan/Tilt Range	Pan: 0°–360°Tilt: -15°–+90°; auto flip 180°			
Manual Control Speed	Pan: 0.1°–200°/s; Tilt: 0.1°–120°/s			

Preset Speed	Pan: 240°/s; Tilt: 200°/s
Presets	300
Tour	8 (up to 32 presets per tour)
Pattern	5
Scan	5
Speed Adjustment	Support
Power-off Memory	Support
Idle Motion	Preset/Tour/Pattern/Scanning
Protocol	DH-SD Pelco-P/D (auto recognition)
Video	
Resolution	1080P (1920 × 1080); 720P (1280 × 720); D1 (704 × 576/704 × 480)
Frame Rate	1080P (25/30 fps), 720P (25/30/50/60 fps)
Day/Night	Support
BLC	Support
WDR	120 dB
HLC	Support
White Balance	Auto/Indoor/Outdoor/Tracking/Manual/Sodium lamp/Natural light/Street lamp
Gain Control	Auto/Manual
Noise Reduction	2D/3D
Defog	Electronic
Digital Zoom	16x
Flip	0°/180°
Privacy Masking	Up to 24 areas
Audio	
Compression	G.711a; G.711Mu
Port	
Audio Input	1 (LINE IN; bare wire)

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Alarm Input	2
Alarm Output	1
<b>Power</b>	
Power Supply	DC 12V/3A ± 10%
Power Consumption	9.6 W 23.2 W (IR light on, PTZ)
<b>Environment</b>	
Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Operating Humidity	≤ 95%RH
Protection	IP66; TVS 6000V lightning protection; surge protection
<b>Structure</b>	
Dimensions	295.4 mm × Φ160.0 mm (11.63" × Φ6.30")
Net Weight	3 kg (6.61 lb)
Gross Weight	4.2 kg (9.26 lb)

### Dimensions (mm[inch])

