

KX-DAi2007PC

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 150 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	150 m (492.13 ft)			
Illuminator On/Off Control	Auto/Manual			
Illuminator Number	4			
Lens				
Focal Length	4.8 mm–120 mm			
Max. Aperture	F1.6–F3.5			
Field of View	H: 61°–2.8° V: 22.6°–0.4°			
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°			

Manual Control Speed	Pan: 0.1°–300°/s Tilt: 0.1°–200°/s
Preset Speed	Pan: 400°/s; Tilt: 300°/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)
CVI Product Output Mode	CVI; TVI; AHD; CVBS
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

KX-DAi2007PC

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.

Audio	
Compression	G.711a; G.711Mu
Port	
Audio Input	1 (LINE IN; bare wire)
Analog Output	1 (CVBS/CVI output, BNC port)
RS-485	1 (baud rate range: 1200 bps–9600 bps)
Alarm Input	2
Alarm Output	1
Power	
Power Supply	DC 24V/3A ± 25%
Power Consumption	9.6W 22W (IR light on, PTZ)
Environment	
Operating Temperature	−40°C to +70°C (−40°F to +158°F)
Operating Humidity	≤ 95%RH
Protection	IP66; TVS 6000V lightning protection; surge protection
Structure	
Dimensions	310.0 mm × Φ186.0 mm (12.20" × Φ7.32")
Net Weight	3.9 kg (8.60 lb)
Gross Weight	7.2 kg (15.87 lb)

Dimensions (mm[inch])

