

## KX-C2007ePC3

### 2MP 25x Starlight IR HDCVI PTZ 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 25× optical zoom.
- Starlight technology.
- 120 dB true WDR, 3D NR.
- Max. 25/30 fps@1080p, 25/30/50/60 fps@720p.
- IR distance up to 100 m.
- IP66.



Camera				
Image Sensor	1/2.8" CMOS			
Pixel	2 MP			
Max. Resolution	1920 (H) × 1080 (V)			
ROM	128 MB			
RAM	256 MB			
Electronic Shutter Speed	1/3 s–1/30,000 s			
Scanning System	Progressive			
Min. Illumination	0.005 lux@F1.6 (Color, 30 IRE); 0.0005 lux@F1.6 (B/W, 30 IRE) 0 lux (IR light)			
Illumination Distance	100 m (328.08 ft) (IR)			
Illuminator On/Off Control	Zoom Prio; manual			
Illuminator Number	6 (IR)			
Lens				
Focal Length	4.8 mm–120 mm			
Max. Aperture	F1.6–F3.5			
Field of View	H: 60.6°–3.2°; V: 34.1°–1.8°; D: 69.4°–3.7°			
Optical Zoom	25×			
Focus Control	Auto; semi-auto; manual			
Close Focus Distance	0.1 m–2 m (0.33 ft–6.56 ft)			
Iris Control	Auto; manual			
DORI Distance	Detect	Observe	Recognize	Identify
	1655.2 m (5430.45 ft)	653.8 m (2145.01 ft)	331.0 m (1085.96 ft)	165.5 m (542.98 ft)
PTZ				
Pan/Tilt Range	Pan: 0° to 360° endless; Tilt: –15° to +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
Preset	300
Tour	8 (up to 32 presets per tour)
Pattern	5
Scan	5
Power-off Memory	Yes
Idle Motion	Pattern;Preset;Scan;Tour
PTZ Protocol	DH-SD Pelco-P/D (Auto recognition)
Video	
Resolution	1080p (1920 × 1080); 720p (1280 × 720); D1 (704 × 576/704 × 480)
Video Frame Rate	1080p (25/30 fps); 720p (25/30/50/60 fps)
Day/Night	Yes
BLC	Yes
WDR	120dB
HLC	Yes
White Balance	Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp
Gain Control	Auto; manual
Noise Reduction	2D NR; 3D NR
Defog	Electronic
Digital Zoom	16×
Image Rotation	180°
Privacy Masking	Yes
S/N Ratio	≥50 dB
Function	
CVI Product Output Mode	TVI;CVI;CVBS;AHD(CVBS is only used for debugging)
Port	
Analog Output	1 channel (CVBS/CVI output, BNC)

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RS-485	1 (baud rate range: 1200 bps–9600 bps)
Audio Input	1 channel (LINE IN, bare wire)
Alarm Input	2 (on-off value input: 0–5 VDC)
Alarm Output	1
Alarm Linkage	Scan; preset; tour; pattern; alarm digital output
Alarm Event	Alarm input
<b>Power</b>	
Power Supply	12 VDC, 3 A $\pm$ 10%
Power Consumption	Basic: 10 W Max.: 22 W (PTZ + illuminator + heater)
<b>Environment</b>	
Operating Temperature	–40 °C to +70 °C (–40 °F to +158 °F)
Operating Humidity	$\leq$ 95%
Protection	IP66; TVS 6000V lightning proof; surge protection; voltage transient protection
<b>Structure</b>	
Product Dimensions	269.9 mm $\times$ $\Phi$ 160.0 mm (10.63" $\times$ $\Phi$ 6.30")
Net Weight	3.0 kg (6.61 lb)
Gross Weight	4.2 kg (9.26 lb)

### Dimensions (mm [inch])

