

# KX-D2007PN

2MP 12x PTZ Network Camera



- 1/2.7" 2Megapixel CMOS
- Powerful 12x optical zoom
- Support Triple-streams encoding
- Max. 25/30fps@1080P, 25/30/50/60fps@720P
- IVS
- Support PoE+
- IP66, IK10



## Technical Specification

### Camera

Image Sensor	1/2.7" CMOS
Effective Pixels	1920(H) x 1080(V), 2 Megapixels
RAM/ROM	256M/128M
Scanning System	Progressive
Electronic Shutter Speed	1/1s~1/30,000s
Minimum Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
S/N Ratio	More than 55dB
IR Distance	N/A
IR On/Off Control	N/A
IR LEDs	N/A

### Lens

Focal Length	5.1mm~61.2mm
Max. Aperture	F1.6 ~ F3.0
Angle of View	H: 59.3° ~ 5.2°
Optical Zoom	12x
Focus Control	Auto/Manual
Close Focus Distance	100mm~ 1000mm

### DORI Distance

\*Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

Detect	Observe	Recognize	Identify
883m(2897ft)	353m(1158ft)	177m(581ft)	88m(289ft)

### PTZ

Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 120° /s
Preset Speed	Pan: 300° /s; Tilt: 200° /s
Presets	300
PTZ Mode	5 Pattern, 8 Tour, Auto Pan ,Auto Scan
Speed Setup	Human-oriented focal Length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period
Protocol	DH-SD

### Intelligence

Auto Tracking	N/A
IVS	Tripwire, Intrusion, Abandoned/Missing, Face Detection

## Video

Compression	H.264+/H.264/MJPEG
Streaming Capability	3 Streams
Resolution	1080P(1920x1080)/720P(1280x720)/D1(704x576/704x480)/CIF(352x288/352x240)
Frame Rate	Main stream: 1080P/D1(1 ~ 25/30fps), 720P(1 ~ 50/60fps) Sub stream1: D1/CIF(1 ~ 25/30fps) Sub stream2: 720P/D1/CIF(1 ~ 25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264+/H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR(120dB)
White Balance	Auto,ATW,Indoor,Outdoor,Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Motion Detetion	Support
Region of Interest	Support
Electronic Image Stabilization (EIS)	N/A
Defog	Support
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas

## Audio

Compression	G.711a/G.711mu/PCM
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## Network

Ethernet	RJ-45 (10Base-T/100Base-TX)
Protocol	IPv4/IPv6,HTTP,HTTPS,SSL,TCP/IP, UDP,UPnP, ICMP,IGMP,SNMP,RTSP,RTP, SMTP, NTP,DHCP, DNS,PPPOE,DDNS,FTP, IP Filter,QoS,Bonjour,802.1x
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	20 users
Edge Storage	NAS (Network Attached Storage),Local PC for instant recording, Micro SD card 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	KBiVMS, KBView Lite, KBView Pro
Smart Phone	IOS, Android

## KX-D2007PN

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### Interface

Video Interface	N/A
Audio Interface	1/1
RS485	N/A
Alarm I/O	2/1

### Electrical

Power Supply	AC24V/1.5A(±10%), PoE+(802.3at)
Power Consumption	12W

### Environmental

Operating Conditions	-30°C ~ 60°C (-22°F ~ +140°F) / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	IK10

### Construction

Casing	Metal
Dimensions	Φ170(mm)×155(mm)
Net Weight	1.8kg(3.97lb)
Gross Weight	3.3kg(7.28lb)

### Dimensions (mm/inch)

