

# KX-D2005N2

2MP WDR IR Bullet Network Camera



## Technical Specification

### Camera

Image Sensor	1/2.8" 2Megapixel Aptina
Effective Pixels	1920(H) x 1080(V)
RAM/ROM	256MB/32MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s
Minimum Illumination	0.006Lux/F1.4( Color,1/3s,30IRE) 0.05Lux/F1.4( Color,1/30s,30IRE) 0Lux/F1.4(IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 60m(197ft)
IR On/Off Control	Auto/ Manual
IR LEDs	4

### Lens

Lens Type	Electronic				
Mount Type	Board-in				
Focal Length	2.7mm~13.5mm				
Max. Aperture	F1.4				
Angle of View	H:106°~29°, V:57°~17°				
Focus Control	Fixed				
Close Focus Distance	0.2m				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	46m(150ft)	18m(59ft)	9m(30ft)	5m(16ft)
	T	153m(502ft)	61m(200ft)	31m(102ft)	15m(49ft)

### PTZ

Pan/Tilt Range	Pan:0°~360° ;Tilt:0°~90° ;Rotation:0°~360°
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### Intelligence

Event Trigger	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal access, Storage anomaly
IVS	Tripwire, Intrusion

### Video

Compression	H.265+/H.265/H.264+/H.264/MJPEG(Sub Stream)
Smart Codec	Support H.265+/H.264+
Streaming Capability	2 Streams
Resolution	1080P(1920x1080)/1.3M(1280x960)/720P(1280x720)/D1(704x576/704x480)/VGA(640x480) CIF(352x288/352x240)
Frame Rate	Main Stream: 1080P (1 ~ 25/30fps) Sub Stream: D1(1 ~ 25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.265: 12K ~ 6400Kbps H.264: 32K ~ 10240Kbps

Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / WDR(120dB)
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization(EIS)	N/A
Smart IR	Support
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

### Audio

Compression	N/A
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### Network

Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP;HTTPS;TCP;ARP;RTSP;RTP;RTCP;UDP;SMTP;FTP;DHCP;DNS;DDNS;PPPoE;IPV4/V6;QoS;UPnP;NTP;Bonjour;IEEE 802.1X;Multicast;ICMP;IGMP;TLS;SNMP
Interoperability	ONVIF Profile S&G, API
Streaming Method	Unicast / Multicast
Max. User Access	10 Users / 20 Users
Edge Storage	NAS 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

### Interface

Video Interface	N/A
Audio Interface	N/A
RS485	N/A
Alarm	N/A

### Electrical

Power Supply	DC12V, PoE (IEEE802.3af)(Class 0)
Power Consumption	<12.9W(-ZS), <10.9W(-VFS)

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## Environmental

Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	N/A

## Construction

Casing	Metal
Dimensions	72mm×80mm×212.8mm (2.8" x 3.1" x 8.4")
Net Weight	0.685Kg (1.51lb)
Gross Weight	0.86Kg (1.90lb)

## Dimensions (mm/inch)

