

KB4-N021F36iWA 2MP Network IR WDR Bullet Camera



DESCRIPTION

The KB4-N021FxxiWA is one of Ultrakpa professional series of network bullet cameras; it incorporates a 2MP 1/2.8-type CMOS image sensor providing smooth, full-HD (1080p/30fps) outstanding crisply detailed vibrant images with extremely low noise making it ideal for professional video security and surveillance applications via intelligent detection: intrusion and tripwire; in addition to video detection (video tampering, scene changing, audio abnormality, no SD card, SD card full or error, network disconnection, IP conflict, illegal access, voltage detection)

The KB4-N021FxxiWA Series of cameras support massive features such as smart motion detection, image flip, wide dynamic range, backlight compensation, highlight compensation, day and night, 3D digital noise reduction, privacy masking for 4 positions, digital watermark, smart IR for 50 meters in low luminance or totally dark environments ensuring that every detail is seen clearly

The KB4-N021FxxiWA Series of cameras provide high quality image with ultra low bit rate H.264+ and H.265+ video compressions; coming in weatherproof IP67 outdoor enclosure with 12V DC and POE operations; support 256 GB Micro SD card and built in microphone and alarm

MAIN APPLICATIONS

- Professional Video Surveillance Applications in small to medium sized rooms, offices, meeting rooms that requires intelligent analysis, audio and alarm functions
- Outdoor Applications thanks to the small size compact decorative design and the IP67 Ingress Protection and long distance IR

MAIN FEATURES

- **2MP 1/2.8" CMOS sensor**
- **1920x1080p@25/30fps**
- **Day & Night (ICR)**
- **WDR, HLC, BLC**
- **Digital Noise Reduction (3D)**
- **Privacy Mask Function**
- **Support up to 256GB SD Card**
- **Various Detection Modes**
- **Intelligent Analysis**
- **Built in Microphone and Alarm**
- **Digital Watermark**
- **Region of Interest**
- **H.264/H.265 Compressions**
- **Smart IR LED (50m)**
- **Image Flip**
- **12VDC/POE**
- **ONVIF Compliant**
- **IP67**

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TECHNICAL SPECIFICATIONS

CAMERA

Image Sensor	1/2.8" 2MP Progressive CMOS Sensor
Active Pixels	1920(H) x 1080(V) = 2.07M Pixels
Frame Rate	Main Stream: 1080p@1fps-30/25fps Sub Stream: D1@1fps-30/25fps Third Stream: 720p@1fps-30/25fps
Min Illumination	0.002lux @F1.6
IR Control	Manual/Auto
IR Distance	50 meters (164ft)
Pan/Tilt /Rotation	Horizontal 0°~360° Vertical 0°~90° Rotation 0°~360°

NETWORK

Network	RJ-45 (10/100Base-T)
Users	Up to 20
Protocol	IPv4, IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, SMTP, SNMP, FTP, DNS, DDNS, QoS, UPnP, NTP, PPPoE
Browser	IE, Chrome, Firefox
Mobile Phone	iOS, Android
Scene Adaptation	Available
Compatibility	ONVIF (Profile S, Profile G), CGI, Gentec, P2P, Milestone

LENS

Lens Type	Fixed
Focal Length	3.6mm
Max. Aperture	F1.6
Close Focus Distance	0.6m (1.97ft) / 1.1m (3.6 ft) / 2.5m(8.2ft)
Angle Of View	2.8mm 126° 106° 57°
D, H,V	3.6mm 104° 87° 46°
	6mm 63° 54° 29°

ENVIRONMENT

Storage	-40°C to +60°C, -40°F to 140°F
Operation	-40°C to +60°C, -40°F to 140°F
Humidity	80%RH (non condensing) less than 95%(non condensing)
Altitude	3000 meter maximum, 10,000 feet maximum

VIDEO

Video Compression	H.265, H.264, H.264H, H.264B, MJPEG
Smart CODEC	Available
Stream Capability	Triple Streaming
Resolution	1080p(1920x1080), 1.3M(1280x960), 720P(1280x720), D1(704x576/480), VGA (640x480), CIF (352x288/240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 3~8192Kbps, H.265: 3~8192Kbps
Intelligent Analysis	Tripwire, Intrusion

GENERAL

Power Source	DC12V /POE (802.3af)
Power Consumption	5.2W
Ingress Protection	IP67
Weight	0.56Kg

CAMERA FUNCTIONS

Day & Night	Auto (ICR)
WDR	120dB
BLC	Available
HLC	Available
DNR	3D
Alarm (In/Out)	Available
Privacy Mask	Off / On (4 positions)
Gain Control	Manual/Auto
White Balance	Auto /Natural /Street Lamp / Outdoor / Manual Regional Custom
Motion Detection	Off / On (4 positions)
Region of Interest	Available (4 positions)
Electronic Shutter Speed	Auto/Manual 1/3~1/100000 sec
Smart IR	Available
Mirror	Available
Built in Microphone	Available
Audio Compression	G.711a, G.711Mu, G726, AAC



Every effort has been made to ensure that all the information in this document was correct at the time of going to press. However we are constantly striving to improve our range wherever possible and therefore reserve the right to change the specification of any product without prior notice

R&D is constantly improving our products therefore specifications, features and appearance are subjected to change without notice

ULTRAKPA

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Conversion: 1" = 25.4mm

Measurement conversions are approximate

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DIMENSIONS

Unit : mm

