

KB10-N021M212iWAV

2MP Network IR WDR

Professional Varifocal Bullet Camera



DESCRIPTION

The KB10-N021M212iWAV Ultrakpa network professional bullet camera with smart IR, true WDR and true day/night; it incorporates a 2MP 1/2.8-type CMOS image sensor providing smooth, full-HD (1080p/60fps), outstanding crisply detailed vibrant images with extremely low noise making it ideal for professional video security and surveillance applications via intelligent analysis functions as intrusion, tripwire, missing or left object in addition to face detection, heat map and people counting with various detection modes and video tampering.

The KB10-N021M212iWAV cameras support massive features such as electronic stabilization, motion detection, image flip, backlight compensation, highlight compensation, 3D digital noise reduction, privacy masking for 4 positions, smart IR for 50 meters distance in low luminance or totally dark environments ensuring that every detail is seen clearly.

The KB10-N021M212iWAV bullet cameras provide high quality image with ultra low bit rate H.265 and H.264 video compressions; coming in weatherproof IP67 outdoor metal vandal resistant enclosure with 12V DC and POE+ operations; support micro 128GB SD card and built in audio and alarm.

MAIN APPLICATIONS

- Professional Video Surveillance Applications that requires intelligent analysis, face detection, heat map, people counting, audio and alarm functions
- Heavy Duty Outdoor Applications thanks to the vandal resistant resilient design and the IP67 Ingress Protection

MAIN FEATURES

- 2MP 1/2.8" CMOS Sensor
- 1920x1080p@50/60fps
- Day & Night (ICR)
- WDR (140dB), HLC, BLC
- Digital Noise Reduction (3D)
- Privacy Mask Function
- Support up to 128GB SD Card
- Various Detection Modes
- G1rcjjgeclr ?l_jwqgq
- Defog
- @sgjr gl Audio & Alarm
- Face Detection, Heat Map, People Counting
- Region of Interest
- Electronic Image Stabilization
- Smart IR LED (50m)
- Image Flip
- 12VDC/POE+
- ONVIF Compliant
- IP67, IK10

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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-60/50fps Sub Stream 1: D1@1fps-60/50fps Sub Stream 2: 720p@1fps-14fps
Min Illumination	0.005lux @F1.4
IR Control	Manual/Auto
IR Distance	50 meters (165ft)
Pan/Tilt /Rotation	Horizontal 0°~360° Vertical 0°~90° Rotation 0°~360°

LENS

Lens Type	Motorized, Auto Iris
Focal Length	2.7-12mm
Max. Aperture	F1.4
Focus Control	Motorized
Angle Of View	101° 53°
H,V	36° 20°
Digital Zoom	x16

VIDEO

Video Compression	H.265, H.264
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.265: 14K~6144 Kbps, H.264: 24K~10240 Kbps
Intelligent Analysis	Tripwire, Intrusion, Face Detection, Left or Missing Object, Heat Map, People Counting

CAMERA FUNCTIONS

Day & Night	Auto(ICR) / Color / B/W
WDR	140dB
BLC	Available
HLC	Available
DNR	3D
Privacy Mask	Off / On (4 positions)
Gain Control	Manual/Auto
White Balance	Auto /Street Lap /Natural/ Outdoor / Manual
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
Defog	Available
Electronic Image Stabilization	Available
Audio Compression	G.711A, G.711Mu, G.726, AAC
Alarm	2/1
Video	1



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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NETWORK

Network	RJ-45 (10/100Base-T)
Users	Up to 20
Protocol	IPv4,IPv6,HTTP,HTTPS,TCP,UDP,RTP,RTSP,SMTP,FTP, DNS,DDNS,UPnP,ICMP,IGMP,PPPoE,802.1x,SNMP,NTP Multicast,Bonjour
Browser	IE, Chrome, Firefox
Mobile Phone	IOS, Android
Compatibility	ONVIF, CGI, PSIA

ENVIRONMENT

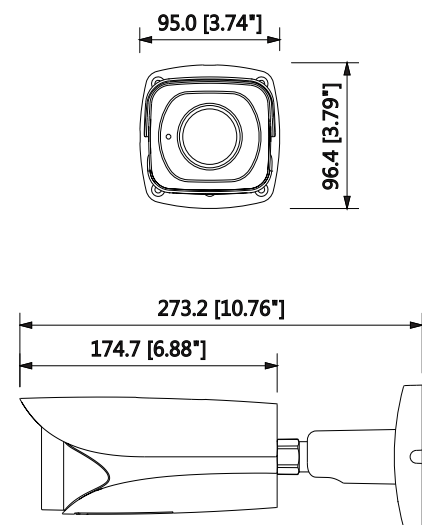
Storage	- 40°C to +60°C, -40°F to 140°F
Operation	- 40°C to +60°C, -40°F to 140°F
Humidity	80%RH (non condensing) less than 95%(non condensing)
Altitude	3000 meter maximum, 10,000 feet maximum

GENERAL

Power Source	DC12V/ POE+ (802.3at)
Power Consumption	13W (Max.)
Ingress Protection	IP67
Vandal Resistance	IK10
Weight	1.12Kg

DIMENSIONS

Unit : mm



Conversion: 1" = 25.4mm
Measurement conversions are approximate

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