

KB7- N081M212iWAV 8MP Network IR Motorized WDR Bullet Camera



DESCRIPTION

The KB7- N081M212iWAV is one of Ultrakpa new series of professional network varifocal motorized bullet cameras; it incorporates a 8MP 1/2.5-type CMOS image sensor providing smooth, outstanding crisply detailed vibrant images with extremely low noise making it ideal for professional video security and surveillance applications via various detection modes (video tampering, network disconnection, IP conflict, storage problem, illegal access)

The KB7-N081M212iWAV bullet cameras support massive features such as motion detection, image flip, wide dynamic range, backlight compensation, highlight compensation, day and night (ICR), 3D digital noise reduction, privacy masking for 4 positions, smart IR for 50 meters distance in low luminance totally dark environments ensuring that every detail is seen clearly

The KB7-N081M212iWAV bullet cameras provide high quality image with low bit rate H.264 and H.265 video compressions; coming in weatherproof IP67 outdoor metal enclosure with 12VDC and POE operations

MAIN APPLICATIONS

- Professional Video Surveillance Applications in outdoor security applications for providing safe working, living and entertaining environments with intelligent analysis, 4K resolution
- Professional Outdoor Applications thanks to the vandal proof metal IP67 Ingress Protection Housing

MAIN FEATURES

- 8MP 1/2.5" CMOS Sensor
- 3840x2160
- Day & Night (ICR)
- WDR(120dB), HLC, BLC
- Digital Noise Reduction (3D)
- Privacy Mask Function
- Support up to 128GB SD Card
- Intelligent Analysis
- Varifocal Motorized Lens
- Region of Interest
- H.264/H.265 Compressions
- Smart IR LED (50m)
- Triple Streaming
- 12VDC/POE
- ONVIF Compliant
- IP67, IK10

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TECHNICAL SPECIFICATIONS

CAMERA

Image Sensor	1/2.5" 8MP Progressive CMOS Sensor
Active Pixels	3840(H) x 2160(V) = 8.3M Pixels
Frame Rate	Main Stream: 4K@1fps-15fps/3M@1fps-30/25fps Sub Stream: D1@1fps-30/25fps Third Stream: 720P@1fps-30/25fps
Min Illumination	0.005lux @F1.4
IR Control	Manual/Auto
IR Distance	50 meters (164ft)
Pan/Tilt /Rotation	Horizontal 0°~360° Vertical 0°~90° Rotation 0°~360°

LENS

Lens Type	Motorized Varifocal
Focal Length	2.7-12mm
Max. Aperture	F1.4
Close Focus Distance	0.3m
Angle Of View	110° 58°
H, V	40° 23°
Focal Control	Motorized

VIDEO

Video Compression	H.265+, H.265, H.264+, H.264
Stream Capability	Triple Streaming
Resolution	4K(3840x2160), 6M(3072x2048), 5M(2560x1920), 3M(2048x1536), 3M(2304x1296), 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: 24~10240Kbps, H.265: 14~9984Kbps
Intelligent Analysis	Face Detection, Tripwire, Intrusion, Object Missing

CAMERA FUNCTIONS

Day & Night	Auto(ICR) / Color / B/W
WDR	WDR
BLC	Available
HLC	Available
DNR	3D
Privacy Mask	Off / On (4 positions)
Gain Control	Manual/Auto
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual
Digital Zoom	16x
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
Audio Compression	G.711a/G.711Mu/G.726/AAC
Alarm	2/1



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	10/20
Protocol	IPv4, IPv6, HTTP, HTTPS, TCP, UDP, ARP, RTP, RTSP, SMTP, FTP, DNS, DDNS, QoS, UPnP, NTP, ICMP, IGMP, Multicast, PPPoE, UDP, IGMP, SNMP, Bonjour, 802.1x
Browser	IE, Chrome, Firefox, Safari
Mobile Phone	IOS, Android
Compatibility	ONVIF, PSIA, CGI

ENVIRONMENT

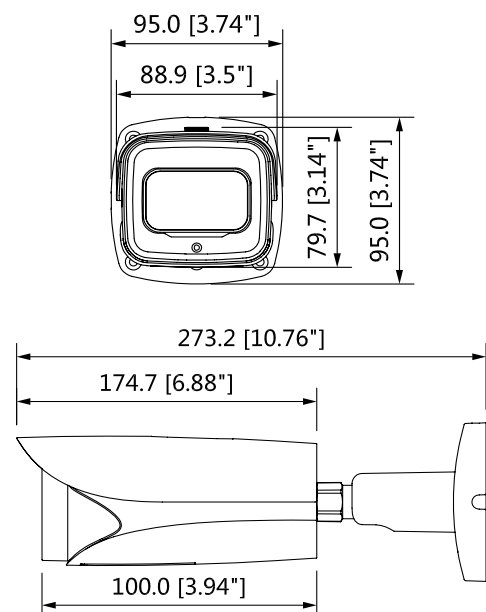
Storage	- 30°C to +60°C, -22°F to 140°F
Operation	- 30°C to +60°C, -22°F to 140°F
Humidity	95%RH (non condensing) less than 95%(non condensing)
Altitude	3000 meter maximum, 10,000 feet maximum

GENERAL

Power Source	DC12V / POE (IEEE802.3af)(Class 0)
Power Consumption	13W
Ingress Protection	IP67
Vandal Resistance	IK10
Weight	0.84Kg

DIMENSIONS

Unit : mm



Conversion: 1" = 25.4mm
Measurement conversions are approximate

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