KB5-N031M212iW
3MP Network IR Motorized WDR Outdoor Bullet Camera

ONVIF

DESCRIPTION

The KB5-N031M212iW is one of Ultrakpa series of professional network varifocal motorized bullet cameras; it incorporates a 3MP 1/3-type CMOS image sensor providing smooth, 3MP@20fps, outstanding crisply detailed vibrant images with extremely low noise making it ideal for professional video security and surveillance applications

The KB5-N031M212iW 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 60 meters distance in low luminance or totally dark environments ensuring that every detail is seen clearly

The KB5-N031M212iW bullet cameras provide high quality image with low bit rate H.264 and H.264+ video compressions; coming in weatherproof IP67 outdoor medium sized enclosure with 12V DC and POE operations

MAIN APPLICATIONS

- Professional Video Surveillance Applications in outdoor security applications for providing safe working, living and entertaining environments with long IR distance.
- Professional Outdoor Applications thanks to the medium sized IP67 Ingress Protection Housing.

MAIN FEATURES

- **3MP 1/3" CMOS sensor**
- **2048x1536@20fps**
- **Day & Night (ICR)**
- **DWDR, HLC, BLC**
- **Digital Noise Reduction (3D)**
- **Privacy Mask Function**
- **Support up to 128GB SD Card**
- **Motorized Varifocal Lens**
- **Region of Interest**
- **H.264/H.264+ Compressions**
- **Smart IR LED (60m)**
- **Image Flip**
- **12VDC/POE**
- **ONVIF Compliant**
- **IP67**

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

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TECHNICAL SPECIFICATIONS

CAMERA

Image Sensor	1/3" 3MP Progressive CMOS Sensor
Active Pixels	2048(H) x 1536(V) = 3.14M Pixels
Frame Rate	Main Stream: 3M@1fps-20fps Sub Stream: D1@1fps-30/25fps
Min Illumination	0.1lux @F1.4
IR Control	Manual/Auto
IR Distance	60 meters (197ft)
Pan/Tilt /Rotation	Horizontal 0°~360° Vertical 0°~90° Rotation 0°~360°

NETWORK

Network	RJ-45 (10/100Base-T)
Users	10/20
Protocol	IPv4,IPv6,HTTP,HTTPS,TCP,UDP,ARP,RTP,RTSP,RTCP, SMTP,FTP,DNS,DDNS,QoS,UPnP,NTP,TICMP,IGMP Multicast,IEEE802.1x,Bonjour, SNMP
Browser	IE, Chrome, Firefox, Safari
Mobile Phone	IOS, Android
Compatibility	ONVIF (Profile S, Profile G), API

LENS

Lens Type	Motorized Varifocal	
Focal Length	2.7-12mm	
Max. Aperture	F1.4	
Close Focus Distance	0.3m	
Angle Of View H, V	87° 42°	29° 15°

ENVIRONMENT

Storage	- 30°C to +60°C, -22F° to 140°F
Operation	- 30°C to +60°C, -22F° 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.264, H.264+
Stream Cability	Dual Streaming
Resolution	3M(2304x1296)/(2048x1536)/1080p(1920x1080), 1.3M(1280x960), 720P(1280x720), D1(704x576/480), CIF (352x288/240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 32K~8192Kbps

GENERAL

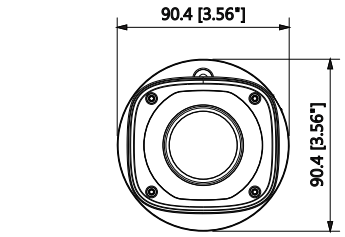
Power Source	DC12V /POE (IEEE802.3af)(Class 0)
Power Consumption	12.9W
Ingress Protection	IP67
Weight	0.69Kg

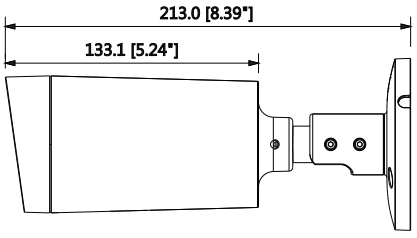
CAMERA FUNCTIONS

Day & Night	Auto(ICR) / Color / B/W
WDR	DWDR
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

DIMENSIONS

Unit : mm





Conversion: 1" = 25.4mm
Measurement conversions are approximate

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

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