

KD6-N021M212iWAV 2MP Network IR WDR Professional Varifocal Dome Camera



DESCRIPTION

The KD6-N021M212iWAV Ultrakpa network professional dome camera with smart IR, true WDR and true day/night; it incorporates a 2MP 1/2.7-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 analysis functions as intrusion, tripwire, motion detection, scene changing, missing or left object in addition to face detection with various detection modes (illegal access, video tampering, IP conflict).

The KD6-N021M212iWAV cameras support massive features such as 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 KD6-N021M212iWAV cameras provide high quality image with ultra low bit rate H.264+ and MJPEG video compressions; coming in weatherproof IP67 outdoor metal enclosure with 12V DC, 24V AC 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, audio and alarm functions
- Indoor and Outdoor Applications thanks to the vandal resistant decorative design and the IP67 Ingress Protection

MAIN FEATURES

- 2MP 1/2.7" CMOS Sensor
- 1920x1080p@25/30fps
- Day & Night (ICR)
- WDR (120dB), HLC, BLC
- Digital Noise Reduction (3D)
- Privacy Mask Function
- Support up to 128GB SD Card
- Various Detection Modes
- Intelligent Analysis
- Built in Audio & Alarm
- Face Detection
- Region of Interest
- Smart H.264+/MJPEG Compressions
- Smart IR LED (50m)
- Image Flip
- 12VDC, 24VAC/POE
- ONVIF Compliant
- IP67, IK10

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TECHNICAL SPECIFICATIONS

CAMERA

Image Sensor	1/2.7" 2MP Progressive CMOS Sensor
Active Pixels	1920(H) x 1080(V) = 2.07M Pixels
Frame Rate	Main Stream: 1080p/720p@1fps-30/25fps Sub Stream 1: D1/CIF@1fps-30/25fps Sub Stream 2: 720p@1fps-14fps
Min Illumination	0.01lux @F2.0
IR Control	Manual/Auto
IR Distance	50 meters (165ft)
Pan/Tilt /Rotation	Horizontal 0°~355° Vertical 0°~65° Rotation 0°~355°

LENS

Lens Type	Motorized, DC Auto Iris
Focal Length	2.7-12mm
Max. Aperture	F1.4
Focus Control	Motorized
Angle Of View	99°
H	34°
Digital Zoom	x16

VIDEO

Video Compression	Smart H.264+, MJPEG
Smart CODEC	Available
Stream Capability	Triple Streaming
Resolution	1080p(1920x1080), 720P(1280x720), D1(704x576/480), CIF (352x288/240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 32K~10Mbps
Intelligent Analysis	Tripwire, Intrusion, Face Detection, Left or Missing Object, Scene Changing, Motion

CAMERA FUNCTIONS

Day & Night	Auto(ICR) / Color / B/W
WDR	120dB
BLC	Available
HLC	Available
DNR	3D
Privacy Mask	Off / On (4 positions)
Gain Control	Manual/Auto
White Balance	Auto /Sunny /Night / Outdoor / Manual Customized
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, G.726, AAC
Alarm	1/1



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,QoS,UPnP,ICMP,IGMP,PPPoE,802.1x,SNMP, SSL,Bonjour
Browser	IE, Chrome, Firefox
Mobile Phone	IOS, Android
Compatibility	ONVIF, CGI, PSIA

ENVIRONMENT

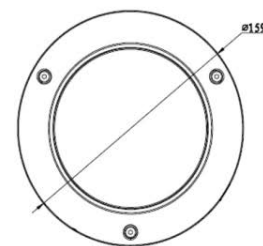
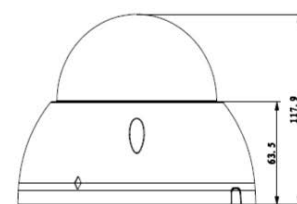
Storage	- 30°C to +60°C, -22°F to 140°F
Operation	- 30°C to +60°C, -22°F to 140°F
Humidity	80%RH (non condensing) less than 95%(non condensing)
Altitude	3000 meter maximum, 10,000 feet maximum

GENERAL

Power Source	DC12V/ AC 24V /POE (802.3af)
Power Consumption	10W (Max.)
Ingress Protection	IP67
Vandal Resistance	IK10
Weight	1Kg

DIMENSIONS

Unit : mm



Conversion: 1" = 25.4mm
Measurement conversions are approximate

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