

KD5- N021M25xiAW/V 2MP Network IR WDR 25x Movable Camera



DESCRIPTION

The KD5-N021M25xiAW is one of Ultrakpa new series of professional network movable cameras; it incorporates a 2MP 1/2.8-type CMOS image sensor providing smooth, outstanding crisply detailed vibrant images, pan, tilt and zoom capabilities to assure that every detail is seen clearly making it ideal for professional video security and surveillance applications via video detection, video tampering, network disconnection, IP conflict, illegal access, storage problems

The KD5-N021M25xiAW PTZ cameras support massive features such as motion detection, image flip, wide dynamic range, backlight compensation, highlight compensation, day and night (ICR), 2D& 3D digital noise reduction, privacy masking for 24 positions, smart IR for 100 meters distance in low luminance with intelligent functions

The KD5-N021M25x iAW PTZ cameras provide high quality image with low bit rate H.264 and H.265 video compressions; coming in weatherproof IP66 outdoor medium sized enclosure with 12VDC and POE operations, built in audio and optional vandal resistant housing

MAIN APPLICATIONS

- Professional Video Surveillance Applications in outdoor security applications for providing safe working, living and entertaining environments with intelligent analysis and long IR distance
- Professional Outdoor Applications thanks to the medium sized IP66 Ingress Protection Housing

MAIN FEATURES

- 2MP 1/2.8" CMOS sensor
- 1920x1080@25/30fps
- Day & Night (ICR)
- WDR(120dB), HLC, BLC
- Digital Noise Reduction (2D&3D)
- Privacy Mask Function
- Support up to 256GB SD Card
- Intelligent Analysis
- 25x Optical Zoom
- Triple Streaming
- H.264/H.265 Compression
- Smart IR LED (100m)
- Face Detection
- 12VDC/POE+
- ONVIF Compliant
- IP66

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TECHNICAL SPECIFICATIONS

CAMERA

Image Sensor	1/2.8" 2MP Progressive CMOS Sensor
Active Pixels	1920(H) x 1080(V) = 2.1M Pixels
Frame Rate	Main Stream: 1080P/720P@1fps-30/25fps Sub Stream 1: D1/CIF@1fps-30/25fps Sub Stream 2: 720P/D1/CIF@1fps-30/25fps
Min Illumination	0.005lux @F1.6
IR Control	Manual/Auto
IR Distance	100 meters (328ft)

LENS

Lens Type	x25 Optical, Digital x16 Zooms
Focal Length	f = 4.8mm ~ 120mm
Focus Control	Manual/Auto
Max. Aperture	F1.6 ~ F4.4
Angle Of View (H)	62.8° ~ 2.6°

PAN / TILT

Pan	360° Endless Pan, 0.1° to .200°/sec
Pan Speed	Max 240°/sec, ± 0.1° Accuracy
Tilt	-15° to 90° tilt angle, 0.1° to 120°/sec
Tilt Speed	Max 200°/sec, ± 0.1° Accuracy
Preset	300 points, less than 0.1° accuracy
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan

VIDEO

Video Compression	H.265+, H.265, H.264+, H.264
Smart CODEC	Available (H.264+, H.265+)
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/H.264: 448~8192Kbps
Intelligent Analysis	Tripwire, Intrusion, Abandoned Object, Face Detection
Event Trigger	Motion Detection, Video Tampering, Scene Changing Network Disconnection, IP address Conflict, Illegal Access, Storage problems

NETWORK

Network	RJ-45 (10XBase-T/100Base-TX)
Users	20
Protocol	IPv4, IPv6, HTTP, HTTPS, TCP/IP, UDP, RTP, RTSP, SMTP, FTP, DNS, DDNS, QoS, UPnP, NTP, ICMP, IGMP, PPPoE, IEEE802.1x, Bonjour
Browser	IE, Chrome, Firefox, Safari
Mobile Phone	iOS, Android
Compatibility	ONVIF, API



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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CAMERA FUNCTIONS

Day & Night	Auto(ICR) / Color / B/W
WDR	WDR (120dB)
BLC	Available
HLC	Available
DNR	2D&3D
Privacy Mask	Off / On (24 positions)
Gain Control	Manual/Auto
White Balance	Auto /Indoor / Outdoor / Manual
Defog	Available
Motion Detection	Available
Region of Interest	Available
Electronic Shutter Speed	Auto/Manual 1/1~1/30000 sec
Smart IR	Available
Mirror	Available
Audio Compression	G.711a/G.711Mu/G.726/AAC
Alarm	2/1

ENVIRONMENT

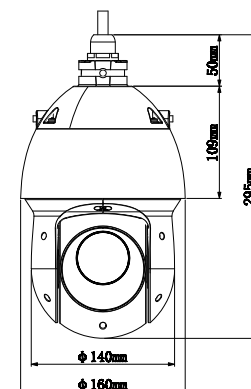
Storage	-40°C to +70°C, -40°F to 158°F
Operation	-40°C to +70°C, -40°F to 158°F
Humidity	less than 95%RH
Altitude	3000 meter maximum, 10,000 feet maximum

GENERAL

Power Source	DC12V /POE+ (802.3at)
Power Consumption	13W, 22W (IR & Heater ON)
Ingress Protection	IP66
Vandal Resistance	Available (KD5-N021M25xiAWV)
Weight	3Kg

DIMENSIONS

Unit : mm



Conversion: 1" = 25.4mm
Measurement conversions are approximate

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