KD7-N021M30xiAWV
2MP Network IR WDR
Vandal-Proof 30x Movable Camera

Onvif

DESCRIPTION

TheKD7-N021M30xiAWV 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 auto tracking, face detection, heat map, tripwire, left or missing object and intrusion.

The KD7-N021M30xiAWV P TZ 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 200 meters distance in low luminance with intelligent functions.

The KD7-N021M30xiAWV PTZ cameras provide high quality image with low bit rate H.264 and H.265 video compressions; coming in weatherproof IP67 outdoor large sized vandal resistant metal enclosure with 12VDC and POE operations, built in audio and alarm.

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 IP67 Ingress Protection Vandal Resistant Housing

MAIN FEATURES

- 2MP 1/2.8" CMOS Sensor
- 1920x1080@50/60fps
- Day & Night (ICR)
- WDR(120dB), HLC, BLC
- Ultra Digital Noise Reduction (2D&3D)
- Privacy Mask Function
- Auto Tracking
- Intelligent Analysis
- Electronic Image Stabilization

- 30x Optical Zoom
- Defog
- Triple Streaming
- H.264/H.265 Compression
- Smart IR LED (200m)
- Face Detection, Heat Map
- 12VDC/POE+
- ONVIF Compliant
- IP67, IK10

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

KD7-N021M30xiAWV 2MP Network IR WDR Movable Camera

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	200 meters (656 ft)

LENS

Lens Type	x30 Optical, Digital x16 Zooms
Focal Length	f = 4.5mm ~ 135mm
Focus Control	Manual/Auto
Max.Aperture	F1.6 ~ F4.4
Angle Of View (H)	67.8°~ 2.4°

PAN / TILT

Pan	360°Endless Pan, 0.1° to 200°/sec
Pan Speed	Max 300°/sec, ± 0.1°Accuracy
Tilt	-20°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, MJPEG (Sub Stream)
Smart CODEC	Available
Stream Cability	Triple Streaming
Resolution	1080p(1920x1080), 720P(1280x720), D1(704x576/480), CIF (352x288/240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.265/H.264: 448~8192Kbps
Intelligent Analysis	Tripwire, Intrusion, Missing or Left Object, Heat Map, Face Detection, Auto-Tracking
Event Trigger	Motion Detection, Video Tampering, Scene Changing Network Disconnection, IP address Conflict, Illegal Access, Storage problems

NETWORK

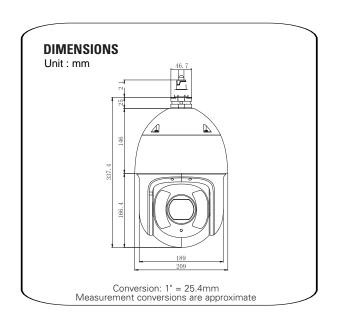|	
Network	RJ-45 (10XBase-T/100Base-TX)
Users	20
Protocol	IPv4,IPv6,HTTP,HTTPS,TCP/IP,ICMP,IGMP,PPPoE,SNMP SMTP,FTP,UDP,RTP,RTSP,QoS,UPnP,NTP,DNS,DDNS, IEEE802.1x,Bonjour
Browser	IE, Chrome, Firefox, Safari
Mobile Phone	IOS, Android
Compatibility	ONVIF (Profile S&G), API

CAMERA FUNCTIONS

Day & Night	Auto(ICR) / Color / B/W
WDR	WDR (120dB)
BLC	Available
HLC	Available
DNR	Ultra 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
Electronic Image Stabilization	Available
Mirror	Available
RS-485	Available
Audio Compression	G.711a/G.711Mu/G.726/AAC
Alarm	7/2
Video Interface	1xBNC,1.0V(p-p), 75 ohm

ENVIRONMENT

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

GENERAL

Power Source	DC24V /POE+ (802.3at)
Power Consumption	17W, 25W (IR & Heater ON)
Ingress Protection	IP67
Vandal Resistance	IK10
Weight	6Kg

DIMENSIONS
Unit : mm

46.7
25.2
146
337.4
166.4
189
209

Conversion: 1" = 25.4mm
Measurement conversions are approximate