KD3-N041M213iW
4MP Network IR Motorized WDR Eyeball Dome Camera

ONVIF

DESCRIPTION

KD3-N041M213iW professional network dome camera incorporates a 4MP 1/3-type CMOS image sensor providing smooth, 4M (2688x1520/20fps); outstanding crisply detailed vibrant images with extremely low noise making it ideal for professional video security and surveillance applications via intelligent detection: intrusion and tripwire; in addition to tamper detection and event trigger (scene varying, network disconnection, IP address conflict, illegal access, storage problems).

The KD3-N041M213iW dome cameras support massive features such as motion detection, image flip, True 120dB wide dynamic range, backlight compensation, highlight compensation, day and night (ICR), 3D digital noise reduction, privacy masking for 4 positions, smart IR for 40 meters distance in low luminance or totally dark environments ensuring that every detail is seen clearly.

The KD3-N041M213iW dome cameras provide high quality image with ultra low bit rate H.264 and H.265 video compressions; coming in weatherproof IP67 outdoor compact enclosure with 12V DC and POE operations.

MAIN APPLICATIONS

- Professional Video Surveillance Applications in small to medium sized rooms, offices, meeting rooms that requires intelligent analysis and high resolution
- Indoor and Outdoor Applications thanks to the small size compact decorative design and the IP67 Ingress Protection

MAIN FEATURES

- **4MP 1/3" CMOS sensor**
- **2688x1520@20fps**
- **Day & Night (ICR)**
- **HLC, BLC**
- **Digital Noise Reduction (3D)**
- **Privacy Mask Function**
- **Intelligent Analysis**
- **120dB WDR**

- **Region of Interest**
- **H.264/H.265 Compressions**
- **Smart IR LED (40m)**
- **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

KD3-N041M213iW 4MP Network IR Motorized WDR Eyeball Camera

TECHNICAL SPECIFICATIONS

CAMERA

Image Sensor	1/3'' 4MP Progressive CMOS Sensor
Active Pixels	2688(H) x 1520(V) = 4.085M Pixels
Frame Rate	Main Stream: 4M@1fps-20fps/3M@1fps-30/25fps Sub Stream: D1@1fps-30/25fps
Min Illumination	0.008lux @F1.5
IR Control	Manual/Auto
IR Distance	40 meters (131.23ft)
Pan/Tilt /Rotation	Horizontal 0°~360° Vertical 0°~78° Rotation 0°~360°

LENS

Lens Type	Motorized - Varifocal	
Focal Length	2.7mm-13.5mm	
Max. Aperture	F1.5	
Angle Of View	104°	27°
H,V	55°	15°

VIDEO

Video Compression	H.265, H.264H, MJPEG (Sub Stream)
Smart CODEC	Available (H.265+,H.264+)
Stream Cability	Dual Streaming
Resolution	4M(2688x1520), 3M(2560x1440)/(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: 32K~6144Kbps, H.265: 12K~6144Kbps
Intelligent Analysis	Tripwire, Intrusion
Event Trigger	Motion Detection, Storage Problems, Video Tampering, Scene Varying, Network Disconnection, IP Address Conflict, Illegal Access

CAMERA FUNCTIONS

Day & Night	Auto(ICR) / Color / B/W
BLC Mode	BLC/HLC/120dB WDR
DNR	3D
Digital Zoom	16x
Privacy Mask	Off / On (4 positions)
Gain Control	Manual/Auto
White Balance	Auto /Natural /Street Lamp / Outdoor / Manual
Region of Interest	Available (4 positions)
Motion Detection	Available (4 positions)
Electronic Shutter Speed	Auto/Manual 1/3~1/100000 sec
Smart IR	Available
Mirror	Available

NETWORK

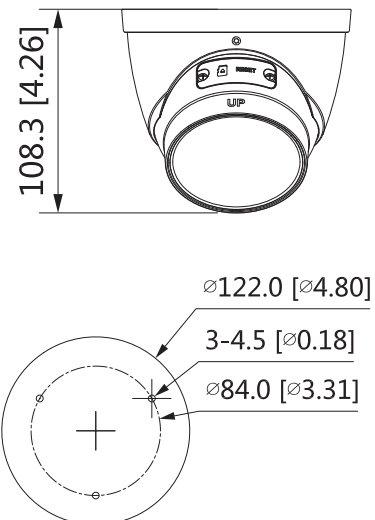|	
Network	RJ-45 (10/100Base-T)
Users	Up to 20
Protocol	IPv4,IPv6,HTTP,TCP,UDP,ARP,RTP,RTSP,RTCP, RTMP, SMTP,FTP,SFTP,DNS,DDNS,QoS,UPnP,NTP,ICMP,IGMP Multicast,PPPoE,Bonjour
Browser	IE, Chrome, Firefox
Mobile Phone	IOS, Android
Compatibility	ONVIF (Profile S,Profile G), API

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

GENERAL

Power Source	DC12V /POE (802.3af)
Power Consumption	6.4W
Ingress Protection	IP67
Weight	0.69Kg

DIMENSIONS
Unit : mm

108.3 [4.26]

⌀122.0 [⌀4.80]
3-4.5 [⌀0.18]
⌀84.0 [⌀3.31]

Conversion: 1" = 25.4mm
Measurement conversions are approximate

ULTRAKPA

For USA, Canada, South America, Europe, Africa & Middle East - info@ultrakpa.com