

KD5-N031M212iWAV 3MP Network IR Motorized WDR Vandal Proof Dome Camera



DESCRIPTION

KD5-N031M212iWAV professional vandal proof network dome camera incorporates a 3MP 1/2.8-type Sony CMOS image sensor providing smooth stream up to 4MP (2560X1920/25-30fps) with crisply outstanding detailed vibrant images and extremely low noise making it ideal for professional video security and surveillance applications via **intelligent video analysis**.

The KD5-N031M212iWAV dome cameras support various functions such as built in audio and alarm interfaces, motion detection, image flip, True 120dB wide dynamic range, day and night (ICR), 3D digital noise reduction, privacy masking for 4 positions, smart streaming IR for up to 30 meters distance in low luminance or totally dark environments ensuring that every detail is seen clearly.

The KD5-N031M212iWAV dome cameras provide high quality image with H.264 and H.265 video compressions; coming in IP66 weatherproof and vandal proof outdoor compact enclosure with 12V DC and POE operations.

MAIN APPLICATIONS

- Professional Video Surveillance Applications in medium to large sized rooms, offices, meeting rooms that requires Intelligent Analysis and high resolution with Motorized Lens.
- Indoor and Outdoor Applications thanks to the compact decorative design and the IP66 Ingress Protection in addition to the Vandal Resistance.

MAIN FEATURES

- 3MP 1/2.8" Sony CMOS Sensor
- 2048x1536@25/30fps
- Day & Night (ICR)
- Auto White Balance & AGC
- 120dB WDR
- Digital Noise Reduction (3D)
- Privacy Mask Function
- 2.8-12mm Motorized Lens
- Intelligent Analysis
- Dual Streaming
- H.264/H.265 Compressions
- IR LED (Up to 30m)
- Image Flip
- Auto Electronic Shutter Speed
- 12VDC/POE
- ONVIF Compliant
- Vandal Proof Enclosure
- IP66

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TECHNICAL SPECIFICATIONS

CAMERA

Image Sensor	1/2.8" 3MP Progressive Sony CMOS Sensor
Active Pixels	2048(H)x1536(V) = 3.14 M Pixels
Frame Rate	Main Stream: 4M/3M/2M@1fps-30/25fps Sub Stream: 720p/D1/VGA/QVGA@1fps-30/25fps
Min Illumination	0.001lux @F1.2
IR Distance	Up to 30 meters (98.4ft)
Pan/Tilt /Rotation	Horizontal 0°~360°

LENS

Lens Type	Motorized
Focal Length	2.8mm-12mm
Max. Aperture	F1.4
Min. Viewing Distance	0.2m
Angle Of View	91°
H	28°

VIDEO

Video Compression	H.265, H.264H, MJPEG (Sub Stream)
Smart CODEC	Available (H.265+, H.264+)
Stream Capability	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

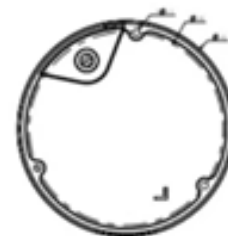
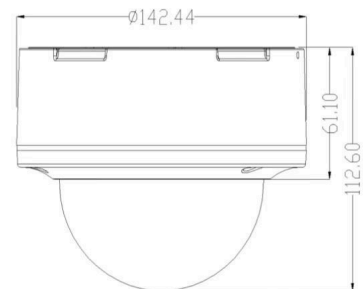
Storage	-30°C to +60°C, -22°F to 140°F
Operation	-30°C to +60°C, -22°F to 140°F
Humidity	80%RH (non condensing) less than 95% (non condensing)
Altitude	3000 meter maximum, 10,000 feet maximum

GENERAL

Power Source	DC12V / POE (802.3af)
Power Consumption	6.4W
Ingress Protection	IP66
Weight	0.69Kg

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

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

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