# KD8-N081M30xiAVT 4K Network IR 30X Vandal-Proof Movable Camera



### Onvie

#### **DESCRIPTION**

The KD8-N081M30xiAVT is Ultrakpa top of the line cameras designed to survive harsh weather with IP67, vandal resistant enclosure IK10; this series accommodates a variety of special features with auto-tracking, Hi-POE, up to 200 meters IR range in addition to triple streaming and intelligent analytics.

The flexibility of customization to meet the most demanding applications; it incorporates 8MP 1/2-type COMS 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 KD8-N081M30xiAVT movable cameras support massive features such as motion detection, image flip, wide dynamic range, backlight compensation, highlights compensation, day and night (ICR), 2D& 3D digital noise reduction, privacy masking for 24 positions, providing high quality image with low bit rate H.265 and H.264 compressions.

#### **MAIN APPLICATIONS**

- Harsh demanding environments that require reliable professional video surveillance with extra challenging conditions.
- Professional outdoor applications that require auto tracking, heap mapping and face recognition to meet the highest security standards.

#### **MAIN FEATURES**

- 8MP 1/2" COMS Sensor
- 3840x2160@25/30fps
- Day& Night (ICR)
- DWDR, HLC,BLC
- Digital Noise Reduction (2D&3D)
- Electronic Image Stabilization
- Support Auto Tracking
- Intelligent Analysis

- 30x Optical Zoom
- Triple Streaming
- H.264/H.265 Compression
- Smart IR LED (200m)
- Face Detection, Heat Mapping
- Hi-POE
- ONVIF Compliant
- IP67 and IK10

## KD8-N081M30xiAVT 4K Network IR 30X Vandal-Proof Movable Camera

#### TECHNICAL SPECIFICATIONS

#### **CAMERA**

Image Sensor	1/2 "8MP Progressive CMOS Sensor	
Active Pixels	3840(H) x 2160(V) = 8M Pixels	
Frame Rate	MainStream:4K@1fps-30/25fps,1080P/1.3M/ 720P@1fps-50/60fps	
	Sub Stream 1: D1/CIF@1fps-30/25fps	
	Sub Stream 2:4M/1080P/1.3M720P/D1/	
	CIF@1fps-30/25fps	
Min Illumination	0.005lux @F1.6	
IR Control	Manual/Auto	
IR Distance	200 meters (656ft)	

#### **LENS**

Lens type	Opticalx30. Digital x16 Zooms
Focal length	F = 6mm~180mm
Focus Control	Manual /Auto
Max. Aperture	F1.5~F4.34
Angle of view (H)	61.2°~2.1°

#### **PAN/TILT**

Pan	360°Endless Pan, 0.1°to 200°/sec	
Pan Speed	Max 240°/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, 8Tour, Auto Pan, Auto Scan	

#### **VIDEO**

Video Compression	H.265, H.264
Stream Capability	Triple Streaming
Bit Rate Control	CBR/VBR
Resolution	5M(2560x1920),3M(2048x1536),1080P(1920x1080),
	1.3M(1280x960),720P(1280 x720),D1(704x576/480)
	CIF (352x288/240)
Video Bit Rate	H.265/H.264:448~ 8192kbps
Intelligent Analysis	Tripwire, Intrusion, Abandoned Object, Face
	Detection, Heap Mapping
Event Trigger	Motion Detection, Video Tampering, Scene Varying,
	Network Disconnection, Storage Problems, IP
	Address Conflict, Illegal Access
	Address Conflict, Illegal Access

#### **NETWORK**

Network	RJ-45 (10/100Base-T/100BASE-TX)
Users	20
Protocol	IPV4,IPV6,HTTP,HTTPS,TCP,IP,UDP,RTP,RTSP,
	DNS,DDNS,QoS,UPnP,NTP,ICMP,IGMP,PPPoE,
	IEEE802.1,Bonjour,SSL,SMTP,FTP, IP Filter
Browser	IE, Chrome, Firefox, Safari
Mobile phone	IOS, Android
Compatibility	ONVIF (Profile S, Profile G), 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

#### **CAMERA FUNCTIONS**

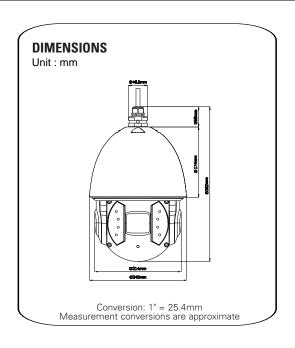
Day & Night	Auto(ICR) /Color / B/W
WDR	DWDR
BLC	Available
HLC	Available
DNR	Ultra 2D&3D
Privacy Mask	24 positions
Gain Control	Manual /Auto
White Balance	Auto/ Indoor/Outdoor /Manual
Defog	Available
Motion Detection	Available
Region of Interest	Available (4 positions)
Electronic Shutter Speed	Auto /manual 1/1~1/30000 sec
Mirror	Available
Audio Compression	G.711a/G.711Mu/G.726/G.722/MPEG2-L2/AAC
Electronic Image Stabilization	Available
Alarm	7/2

#### **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/Hi-POE
Power Consumption	24W,38W (IR ON)
Ingress Protection	IP67
Vandal Resistance	IK10
Weight	6.8Kg



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

