

KD5- H021M25xiAW/V 2MP HD-CVI IR WDR 25x Movable Camera



DESCRIPTION

The KD5-H021M25xiAW is one of Ultrakpa series of professional HD 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 display in addition to surveillance applications.

The KD5-H021M25xiAW movable cameras support massive features such as image flip, ultra noise reduction, wide dynamic range, backlight compensation, highlight compensation, day and night (ICR), privacy masking for 24 positions, smart IR for 100 meters distance in low lighting conditions.

The KD5-H021M25xiAW P TZ cameras provide high quality image video compressions; coming in weatherproof IP66 outdoor medium sized enclosure with 12VDC, built in audio and optional vandal resistant housing.

MAIN APPLICATIONS

- Security applications providing safe working, living and entertaining environments especially in outdoors thanks to the medium sized IP66 ingress protection housing
- Professional Video Display Applications with coaxial network

MAIN FEATURES

- 2MP 1/2.8" CMOS Sensor
- 1920x1080@25/30fps
- Day & Night (ICR)
- WDR (120dB)
- HLC, BLC
- Ultra Digital Noise Reduction
- Privacy Mask Function
- 25x Optical Zoom
- Smart IR LED (100m)
- 12VDC
- IP66

KD5-H021M25x iAW/V 2MP HD-CVI 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	1080P@30/25fps, 720P@60/50/30/25fps
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

CAMERA FUNCTIONS

Day & Night	Auto(ICR) / Color / B/W
WDR	WDR (120dB)
BLC	Available
HLC	Available
DNR	Ultra DNR (2D&3D)
Privacy Mask	Off / On (24 positions)
Gain Control	Manual/Auto
White Balance	Auto / Indoor / Outdoor / Manual
Electronic Shutter Speed	Auto/Manual 1/3~1/30000 sec
Mirror	Available
Audio	1
Alarm	2/1
RS485	1

VIDEO

Video Output	BNC (HD Video Output) CVBS (Standard Video Output)
Resolution	1080p(1920x1080), 720P(1280x720)

ENVIRONMENT

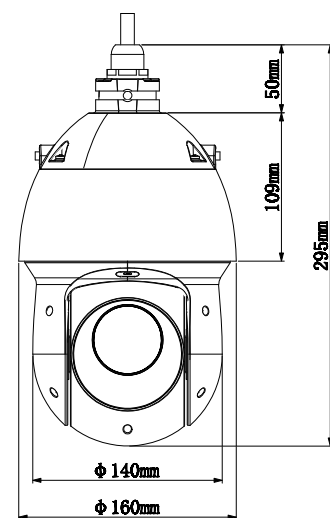
Storage	- 40°C to +70°C, -40°F to 158°F
Operation	- 40°C to +70°C, -40°F to 158°F
Humidity	less than 95%RH
Altitude	3000 meter maximum, 10,000 feet maximum

GENERAL

Power Source	DC12V /3A
Power Consumption	13W, 22W (IR & Heater ON)
Ingress Protection	IP66
Vandal Resistance	Available (KD5-H021M25xiAWV)
Weight	3Kg

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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