

# KD5-S021Mx10W

## 2MP x10 Zoom HD-SDI

### Outdoor PTZ Dome Camera



#### DESCRIPTION

The KD5-S series of stationary dome cameras incorporate a 2MP 1/3-type Panasonic CMOS image sensor providing smooth, full-HD (1080p/30p), outstanding crisply detailed vibrant images with digital image stabilization feature and extremely low noise making it ideal for all professional video display, streaming and recording applications

This Camera is equipped with 10x optical zoom (5.1mm ~51mm) lens and 32x digital zoom in addition to fast and silent pan, tilt, and zoom capabilities to ensure that every detail is seen clearly.

The KD5 dome cameras support massive features as real time true wide dynamic range, backlight compensation, highlight compensation, day and night (ICR), 2D+3D digital noise reduction, privacy masking for 24 position, defog function coming in both indoor and weatherproof IP66 outdoor compact enclosures to meet various requirements.

#### MAIN APPLICATIONS

- Video Display Applications in Sports Arenas & Events, House of Worship, Hospitality Venues, Education and Training Center
- Professional Recording and Streaming in Auditoriums, Professional Studios, Official Governmental Meetings, Theatres and Live Performances
- Audio Visual Applications in Corporate A/V professionals, Conference Halls, Large Meeting Rooms and Special Video Surveillance Applications

#### MAIN FEATURES

- **2MP 1/3" Panasonic CMOS sensor**
- **HD-SDI, CVBS**
- **Day & Night (ICR)**
- **Real-time True WDR**
- **Digital Noise Reduction (2D+3D)**
- **x10 Optical Zoom(5.1mm ~51mm)**
- **x32 Digital Zoom**
- **Digital Image Stabilization**
- **Privacy Mask Function**
- **High Light Compensation**
- **Defog Function**
- **360° Endless Pan Rotation**
- **0°~180° Tilt Angle (Auto Flip)**
- **Supports Multiple Protocols**
- **255 Presets, 8 Tours**
- **8 Scans, 4 Patterns**
- **IP66 Outdoor and Indoor Versions**

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### TECHNICAL SPECIFICATIONS

#### CAMERA

Image Sensor	1/3" Panasonic CMOS Sensor
Total Pixels	1956(H) x 1266(V) = 2.48M Pixels
Active Pixels	1944(H) x 1092(V) = 2.12M Pixels
Video Format	1080p@30/25fps, 720p@60/50fps, 720p@30/25fps
Min Illumination	Color 0.5 lux / DSS 0.125 lux BW 0.1lux / DSS 0.025 lux
S/N Ratio	more than 50dB (AGC off)
Video Output	HD-SDI, CVBS

#### LENS

Lens Type	x10 Day & Night Zoom Lens
Zoom Ratio	Optical x10, Digital x32 Zoom
Focal Length	f = 5.1mm ~ 51mm
Aperture Ratio	F1.6 (wide) ~ F1.8 (tele)
Angle Of View	WIDE 68° 54° 31° (D, H, V) TELE 6.7° 4.9° 4.0°

#### PAN / TILT

Pan	360°Endless Pan, 0.1° to .200°/sec
Pan Speed	Max 300°/sec, ± 0.1°Accuracy
Tilt	0° to 90° tilt angle, 0.1° to 120°/sec
Tilt Speed	Max 250°/sec, ± 0.1°Accuracy
Preset	255 points, less than 0.1°accuracy

#### CAMERA FUNCTIONS

Camera Title	ID / Title / Zoom Ratio / System Message
Day & Night	Auto / Day / Night /Ext-in
WDR/BLC	Off / WDR /BLC / HLC
ACE	Off / Low /Middle / High
DNR	Auto / Off / Low /Middle / High
Defog	Off / On (Auto /Manual)
Image Stabilization	Off /On
Privacy Mask	Off / On (24 positions)
Digital Slow Shutter	Off /x2 /x4
Gain Control	Off /On
White Balance	Auto / One Push / Manual /Indoor / Outdoor
Shutter Speed	1/30 (25) ~1/30,000
E.Zoom	Off / x2 ~ x32
Digital Flip	Off / H / V /H&V
Digital I/O	2 alarm / 2 relay out
Remote Control Interface	RS-422, 485
Protocol	Pelco-D / Pelco- P

#### ENVIRONMENT

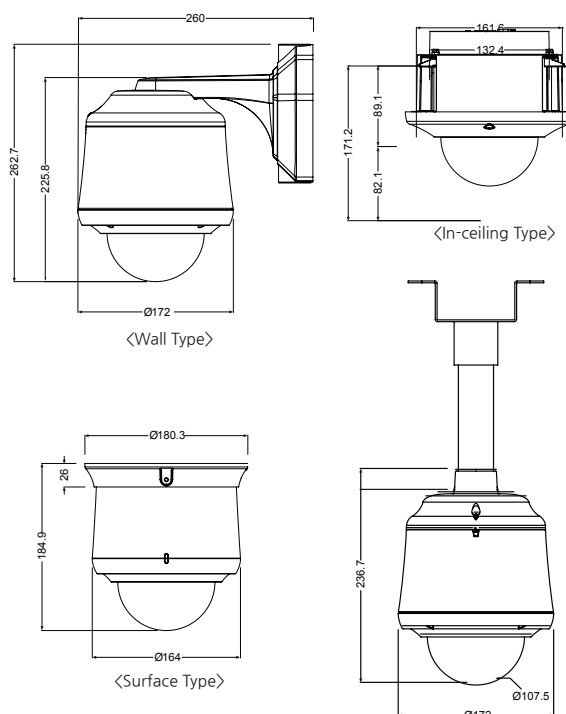
Storage	20°C to +70°C, -4° to 158°F
Operation	0°C to +40°C, 0°F to 104°F
Humidity	80%RH to at least +65°C (non condensing) 80% RH to at least-149°F (non condensing)
Altitude	3000 meter maximum, 10,000 feet maximum

#### GENERAL

Power Source	DC12V
Power Consumption	Operating (4A Max)
Ingress Protection	IP66
Weight	2.2Kg

#### 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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