KD5-S020M10xW
2MP x10 Zoom HD-SDI
Indoor 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**

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

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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

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

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°

GENERAL

Power Source	DC12V
Power Consumption	Operating (1.5A)
Weight	1.04Kg

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

DIMENSIONS
Unit : mm

⟨Wall Type⟩

⟨In-ceiling Type⟩

⟨Surface Type⟩

Conversion: 1" = 25.4mm
Measurement conversions are approximate

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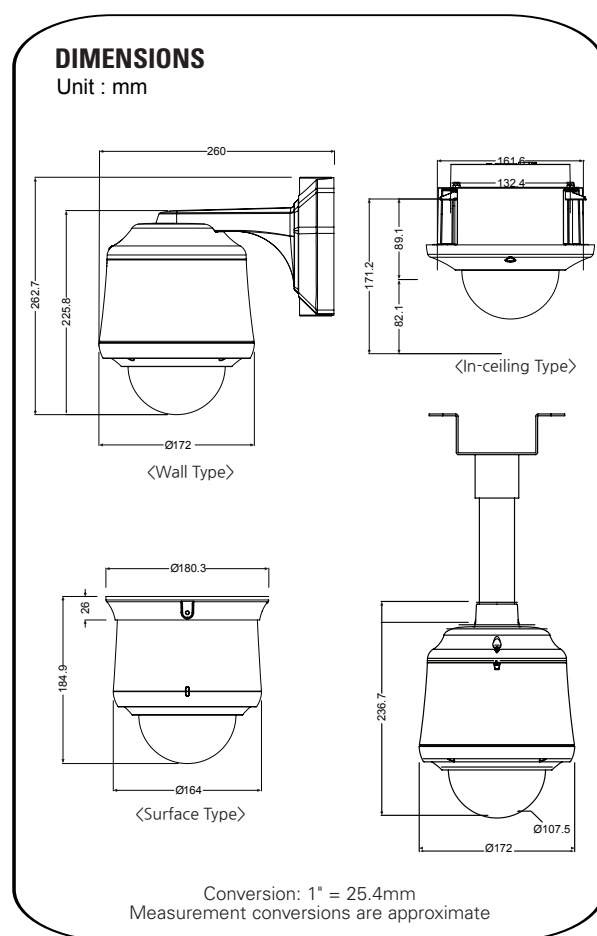
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