KD5 Series

5-INCH STATIONARY DOME CAMERAS





KD5 SERIES DOME (Black Ring Shown)

The KD5 series of stationary dome cameras is ideal for discrete fixed camera surveillance where high-quality video is a necessity. Each unit packages a high-performance camera and a full-sized lens into a small, aesthetically pleasing 5-inch dome. In-ceiling and pendant dome options are available with black or white trim ring finishes, and smoked or clear lower domes. Multiple lens options are available, including auto-iris lenses and 5.5 to 33mm varifocal lenses.

All KD5 versions are powered with 24V ac as a standard option, and all provide full 360° horizontal viewing with 360° camera roll. In-ceiling versions are provided with a 4x4 plenum-rated junction box for installation. An optional interface provides twisted pair video transmission with a simple clip on transformer.

- Dome installs in a standard 4 x 4 x 2-1/8 in. electrical box
- 5-inch dome
- Black or white trim-ring finishes available
- Simple installation and maintenance
- Adjustable camera mount included with camera/lens
- Adjustable inner liner provided
- EIA/NTSC and CCIR/PAL versions; UL & CE certified
- Vari-focal lens packages with 3.5 to 8mm and 5.5 to 33mm
- Optional CAT5 video transmission
- Four-pin auto-iris connector standard



KD5 Series

TECHNICAL SPECIFICATIONS

ELECTRICAL (HOUSING)

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Input Voltage	24V ac	
MECHANICAL (HOUSING)		
Angular Travel: Horizontal Vertical:	± 180°	
Dome Roll	0 to 90° up 360°	
Camera Mounting:	Universal mount attached to yoke assembly will accommodate CS-mount & fixed lens board cameras	
Cable Entry: Dome	Conduit knock-out in standard 4 x 4 in. electrical box	
Cable Connection:	Terminal strip & BNC at top of upper housing	
Construction: Back Can/Box: Dome	Plenum-rated steel (standard 4 x 4 in. electrical box)	
Upper Housing Lower Housing	UL-approved, flame-retardant ABS plastic Optically graded acrylic, distortion free	
Finish: Back Can/Box: Dome Lower Housing:	Standard galvanized steel	
Dome Trim Ring	Smoked, clear with liner White, black	
Dimensions	See drawings	
Weight Dome	1.0 lb. (w/o 4 x 4 in. back box)	

GENERAL (HOUSING)

Optical Losses: Clear/Liner Smoked	Virtually no light loss Equivalent F-stop 1.0 ± 15%
Filtration	Neutral density
Environment	Indoor
Regulatory Agencies/ Approvals:	(VL) CE

ELECTRICAL (CAMERA)

Specification:	High Resolution Color	
Image Sensor	1/3" interline transfer CCD (Sony chip set)	
Active Pixels	768H x 494V	
Horiz. Resolution	470 lines	
Min Scene Illum.	0.9 Lux (F1.2, 50IRE)	
Signal to Noise	>45dB (AGC Off)	
AGC	On/Off selectable	
White Balance	ATW/AWC selectable	
Backlight Comp.	Selectable	
Auto Iris	Video or dc (4-pin connector)	
Video Output	VBS 1.0Vp-p 75Ω	
Power Req.	12V dc ± 10%	
Power Consumpt.	190mA	

ELECTRICAL (CAMERA)

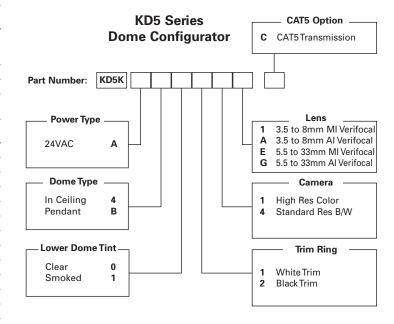
Specification:	Standard Resolution B&W
Image Sensor	1/3" interline transfer CCD (Sony chip set)
Active Pixels	510H x 492V
Horiz. Resolution	420 lines
Min Scene Illum.	0.2 Lux @ F1.2
Signal to Noise	>45dB
AGC	On/Off selectable
Backlight Comp.	Y selectable
Auto Iris	Video or dc (4-pin connector)
Signal Format	RS170/EIA
Video Output	VBS 1.0Vp-p 75Ω
Power Req.	12V dc ±10%
Power Consumpt.	100mA

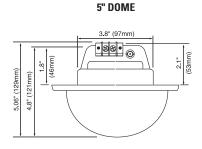
MECHANICAL (CAMERA/LENS)

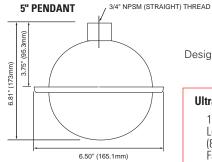
Vari-focal Lens	3.5 to 8.0mm or 5.5 to 33mm
Weight	5.0 oz.

GENERAL (CAMERA/LENS)

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Ambient Temp.	32°F to 104°F (0°C to 40°C)	
Ambient Humidity	0% to 95% (non-condensing)	







Design and specifications subject to change without notice.

Conversion: 1" = 25.4mm Measurement conversions are approximate

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