# **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)**

ELECTRICAL (HUUSING)		
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 Upper Housing Lower Housing	Plenum-rated steel (standard 4 x 4 in. electrical box) UL-approved, flame-retardant ABS plastic Optically graded acrylic, distortion free	
Finish: Back Can/Box: Dome Lower Housing: Dome Trim Ring	Standard galvanized steel 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:	<b>Ų</b> L CE

#### **ELECTRICAL (CAMERA)**

High Resolution Color
1/3" interline transfer CCD (Sony chip set)
768H x 494V
470 lines
0.9 Lux (F1.2, 50IRE)
>45dB (AGC Off)
On/Off selectable
ATW/AWC selectable
Selectable
Video or dc (4-pin connector)
VBS 1.0Vp-p 75 <b>Ω</b>
12V dc ± 10%
190mA

#### **ELECTRICAL (CAMERA)**

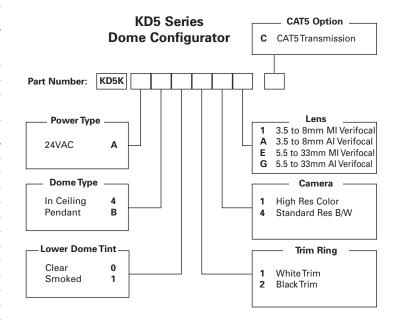
Standard Resolution B&W
1/3" interline transfer CCD (Sony chip set)
510H x 492V
420 lines
0.2 Lux @ F1.2
>45dB
On/Off selectable
Y selectable
Video or dc (4-pin connector)
RS170/EIA
VBS 1.0Vp-p 75Ω
12V dc ±10%
100mA

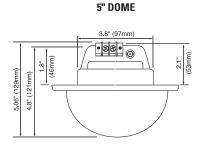
#### **MECHANICAL (CAMERA/LENS)**

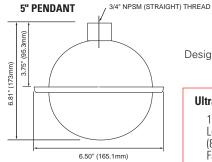
Vari-focal Lens	3.5 to 8.0mm or 5.5 to 33mm
Weight	5.0 oz.

#### **GENERAL (CAMERA/LENS)**

deliterate (OAMERIA/ELITO)		
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

#### **Ultrak Worldwide Support Center:**

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