

**Economical,
general-purpose
black-and-white camera**



The KTC-105 accepts both C- and CS-mount lenses.

The KTC-105 is an economical, general-purpose black-and-white security camera that offers 380 lines of resolution and high sensitivity (.01 lux). The KTC-105 accepts both C- and CS-mount lenses. Its selectable backlight compensation prevents important foreground objects from becoming silhouetted against bright backgrounds.

The camera includes a variable high-speed electronic shutter that compensates for conditions ranging from bright sunlight to low-light environments.

For the best results in situations with wide variations in lighting, such as outdoor applications or indoor applications that call on the camera to perform daytime and after-hours surveillance, we recommend an auto-iris lens. The KTC-105's auto-iris circuit lets you use both video and DC auto-iris lenses.

Features

- 380 lines of resolution
- .01 lux sensitivity
- Variable high-speed electronic shutter
- Accepts video and DC auto-iris lenses
- Lightweight miniature design

Technical Specifications

Image Device

1/3-in. interline transfer CCD

Signal System

EIA standard or optional CCIR

Picture Elements

542 H x 494 V (EIA)
542 H x 584 V (CCIR)
2:1 interlace

Scanning System

525 line 60 frame (EIA);
optional 625 line 50 frame (CCIR)

Synchronizing System

Internal

Resolution

380 TV lines

Sensitivity

.01 lux (faceplate)
.1 lux @ f1.2 (scene)

Signal-to-Noise Ratio

>46 dB

Electronic Shutter

1/60 - 1/80,000 second, automatic adjustment

Video Output

1.0 Vpk-pk video at 75-ohm load

Lens Mount

C and CS mount

Auto Iris Lens

Accepts video and DC auto-iris lenses

Operating Temperature

14 to 122 °F (-10 to 50 °C)

Power Source

12 VDC

Power Consumption

1.9 w

Gray Scale

Minimum 10 shades

Geometric Distortion

None

Control (Switch)

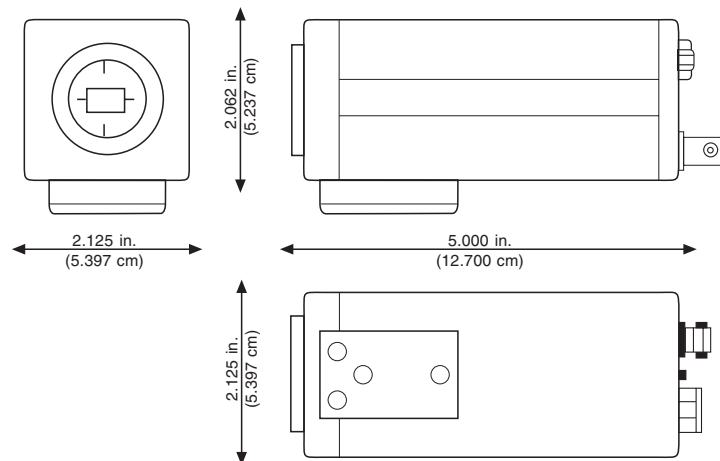
ELC: on (EE)/off (AI)
Iris Control: ALC (DC/video)
BLC: on/off

Humidity

0 to 95% relative

Weight

7.3 oz (207 g)



Mailing Address

PMB 225, P.O. Box 3004
Corvallis, OR, USA 97339
www.kalatel.com

Americas

toll free 800-469-1676
tel 541-754-9133
fax 541-754-7162

Asia

tel 852-2907-8108
fax 852-2142-5063

Australia

tel 61-3-9259-4700
fax 61-3-9259-4799