

Black-and-White Camera KTC-105

Product Specification



The KTC-105 lets you use C- and CS-mount lenses.

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

The camera includes a variable high-speed electronic shutter that

will compensate for conditions ranging from bright sunlight to low-light conditions.

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
- Utilizes variable high-speed electronic shutter
- Accepts video and DC auto iris lenses
- Lightweight miniature design

Technical Specifications

Image Device

1/3" 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 Vp-p video into 75-ohm

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)

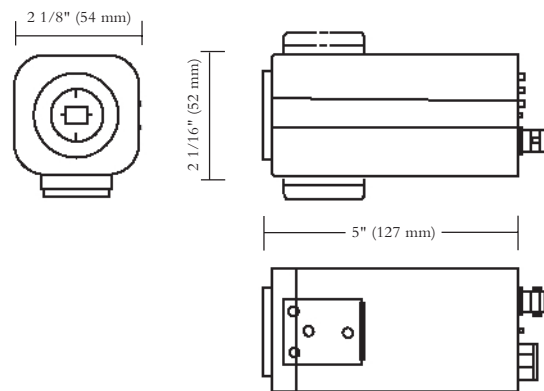
ELC: on (EE)/off (AI)
Iris Control: ALC (DC/video)
BLC: on/off

Humidity

0 to 95% relative

Weight

7.3 oz (207 g)

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