Black-and-White Camera KTC-105



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

he 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 lowlight 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



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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

19 W

Gray Scale

Minimum 10 shades

Geometric Distortion

None

Control (Switch)

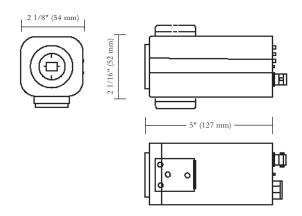
ELC: on (EE)/off (AI)
Iris Control: ALC (DC/video)
BLC: on/off

Humidity

0 to 95% relative

Weight

7.3 oz (207 g)



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