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KTC-510

CamPlus Black and White Camera

Overview

The KTC-510 is a general-purpose black-and-white security camera that offers 420 TV lines of resolution and high sensitivity (0.05 lux). The KTC-510 accepts both C- and CS-mount lenses. Its automatic backlight compensation prevents important foreground objects from becoming silhouetted against bright backgrounds.

Outstanding Features

The camera includes a variable high-speed electronic shutter that compensates for conditions ranging from bright sunlight to low-light environments. The KTC-510's autoiris circuit lets you use both video and DC autoiris lenses.

The KTC-510 incorporates a universal power supply that accepts an 18 to 30 VAC or 10 to 40 VDC input.

Optional PlusPacks

Designed to look like part of the original camera, PlusPacks are a fast and easy solution to converting BNC analog video output to other transmission media. PlusPacks are available for Twisted Pair conversion outputs.



Standard Features

- **420 TV lines of resolution**
- **0.05 lux sensitivity**
- **Intelligent automatic digital backlight compensation**
- **Accepts manual, video, and DC autoiris lenses**
- **Universal power supply: 10 to 40 VDC/18 to 30 VAC**
- **AC line-lock; phase adjustable**
- **Thumbwheel back focus**
- **Concealed control panel**
- **Recessed autoiris connector**
- **Local video test monitor output**

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Specifications

Image device

- 1/3 in interline transfer Super HAD CCD

Signal system

- EIA standard, CCIR optional

Picture elements

- 537 H x 597 V (CCIR), 2:1 interlace

Scanning system

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

Synchronizing system

- Internal/line-lock; phase adjustable

Resolution

- 420 TVL

Sensitivity

- 0.005 lux (faceplate), 0.05 lux @ f1.2

Gain

- Normal AGC/Super AGC

Signal-to-noise ratio

- > 50 dB

Electronic shutter

- 1/60 to 1/100,000 sec, automatic

Video output composite

- 1.0 V pk-pk at 75-ohm load

Lens mount

- C and CS mount

Lens selection

- Accepts manual, video, and DC autoiris lenses

Operating temperature

- 14° to 122° F (-20° to 50° C)

Power source

- Universal, 10 to 40 VDC, 18 to 30 VAC

Power consumption

- 2.0 W

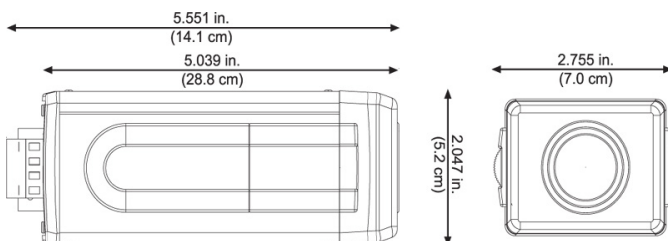
Weight

- 14.5 oz (412 g)

Options

- PlusPack transmission conversion module

Related Diagram



Ordering Information

KTC-	
510	B/W, 420 TVL, 0.1 lux
515	B/W, high res, 600 TVL, 0.1 lux
540E	B/W, high res, EXView, 600 TVL, 0.01 lux
810C	Color, 380 TVL, 0.5 lux
815C	Color, high res, 480 TVL, 0.5 lux
840CE	Color, high res, EXView, 480 TVL, 0.1 lux
2000DN	Day/night, high res, 480 TVL/0.1 lux in color mode, 570 TVL/0.01 lux in B/W mode



GE Security

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