

## Versatile Color Camera



The KTC-810C accepts both C- and CS-mount lenses.

The KTC-810C is a color camera that offers 380 lines of resolution, high sensitivity (0.5 lux), and digital signal processing. The KTC-810C accepts both C- and CS-mount lenses. Its automatic backlight compensation prevents important foreground objects from becoming silhouetted against bright backgrounds.

The KTC-810C includes a variable high-speed electronic shutter that compensates for conditions ranging from bright

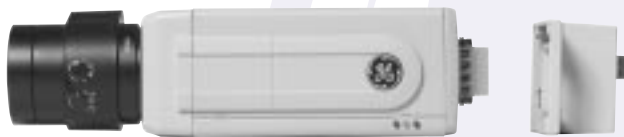
sunlight to low-light environments. The camera accepts manual lenses and is compatible with video and DC auto-iris lenses.

The KTC-810C also has advanced digital auto-tracking white balance (ATW) that provides accurate color rendition even under the most adverse lighting conditions.

The KTC-810C incorporates a universal power supply that accepts either a 10 to 40 VDC or an 18 to 30 VAC input.

## Features

- 380 lines of resolution
- 0.5 lux sensitivity
- Digital automatic backlight compensation
- Digital signal processing
- Digital horizontal and vertical aperture correction
- Advanced digital auto-tracking white balance
- Accepts manual, video, and DC auto-iris lenses
- Accepts PlusPack transmission conversion
- Universal power  
10 – 40 VDC / 18 – 30 VAC
- AC line-lock; phase adjustable
- Thumbwheel back focus
- Concealed DIP switches / control panel
- Recessed auto iris connector
- Local video test monitor output
- UL approved



## Optional PlusPacks (patent pending) convert BNC analog video to other transmission media

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 the following conversion outputs:

- Twisted Pair
- Fiber Optic
- IP (future release)
- RF (future release)



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Product  
Specification

## Technical Specifications

### Image Device

1/3 inch interline transfer  
Super HAD CCD

### Signal System

NTSC standard, PAL optional

### Picture Elements

542 H x 492 V (NTSC)  
542 H x 582 V (PAL)

### Scanning System

525/60 lines (NTSC), 625/50 lines (PAL)

### Synchronizing System

Internal/line-lock; phase adjustable

### Resolution

380 TV lines

### Sensitivity

0.05 lux (faceplate)  
0.5 lux @ f1.2 (SAGC on, 30 IRE)

### Signal-to-Noise Ratio

>50 dB

### Electronic Shutter

1/60 to 1/100,000 second, automatic or manually selectable

### Color Balance

ATW: Standard range of 2500 to 9500 K  
AWB: Conventional white balance

### Gain

Normal AGC / Super AGC

### Auto Backlight Compensation

Off/On

### Gamma Correction

0.45/1.0

### Video Output

Composite: 1.0 V pk-pk at 75  $\Omega$  load

### Lens Selection

Accepts manual, video, and DC auto-iris lenses

### Lens Mount

C and CS mount

### Operating Temperature

-4 to 122 °F (-20 to 50 °C)

### Power Source

Universal, 10 to 40 VDC, 18 to 30 VAC

### Power Consumption

3.3 W

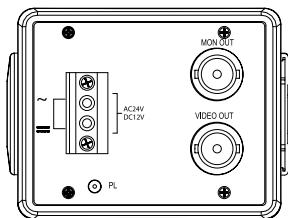
### Weight

14.5 oz (411 g)

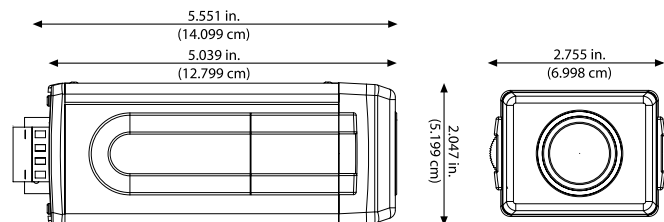
### Options

PlusPack transmission conversion module

## Back Panel



## Dimensions



## GE Interlogix

### MAILING ADDRESS

Kalatel  
4575 Research Way, STE 250  
Corvallis, OR 97333 USA  
www.GE-Interlogix.com

### AMERICAS

800-469-1676 (US only)  
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

### EUROPE

tel 32-2-725-11-20  
fax 32-2-721-86-13

### LATIN AMERICA

tel 561-912-5321  
fax 561-994-6224