

# High Performance Color Camera KTC-215C

## Product Specification



*The KTC-215C lets you use C- and CS-mount lenses.*

The KTC-215C is a high resolution general-purpose color security camera that offers 480 lines of resolution and high sensitivity (.05 lux). The KTC-215C lets you use C- and CS-mount lenses. The KTC-215C's automatic 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. The KTC-215C's auto iris circuit lets you use both video and DC auto iris lenses.

The KTC-215C has advanced digital auto-tracking white balance that will provide accurate color rendition, even under the most adverse lighting conditions.

The KTC-215C incorporates a universal power supply that accepts a 9-volt to 40-volt AC or DC input, making it flexible enough to fit most security applications without the need for a separate power supply.

### Features

- 480 lines of resolution
- .05 lux sensitivity
- Digital automatic backlight compensation
- Advanced digital signal processing
- Digital horizontal and vertical aperture correction
- Advanced digital auto-tracking white balance
- Accepts video and DC auto iris lenses
- Universal power supply 9 to 40 VAC/VDC

### Technical Specifications

**Image Device**

1/3" interline transfer  
Super HAD CCD

**Signal System**

NTSC standard, PAL optional

**Picture Elements**

811 H x 508 V (NTSC)  
795 H x 596 V (PAL)

**Scanning System**

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

**Synchronizing System**

Internal/Line-Lock

**Resolution**

480 TV lines

**Sensitivity**

.05 lux (faceplate)  
.5 lux @ F1.2

**Signal-to-Noise Ratio**

>48 dB

**Electronic Shutter**

1/60-1/100,000 second, automatic

**Color Balance**

ATW: Standard range of 2500 °K 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 Vp-p at 75 ohm load

**Auto Iris Lens**

Accepts video or DC auto iris lens

**Lens Mount**

C and CS mount

**Operating Temperature**

14 to 122 °F (-10 to 50 °C)

**Power Source**

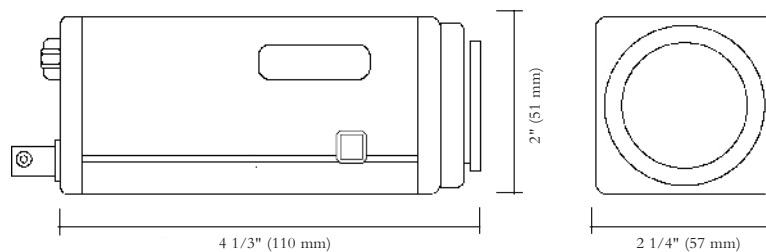
Universal, 9 to 40 VAC/VDC

**Power Consumption**

3.5 W

**Weight**

14.5 oz (412 g)

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