

High-Performance Color Camera KTC-215C

Product Specification

High-resolution, general-purpose color camera



The KTC-215C accepts both C- and CS-mount lenses.

The KTC-215C is a high-resolution, general-purpose color security camera that offers 480 lines of resolution, high sensitivity (.05 lux) and advanced digital signal processing. The KTC-215C accepts both C- and CS-mount lenses. It features digital signal processing, and its automatic backlight compensation prevents important foreground objects from becoming silhouetted against bright backgrounds.

The camera includes a variable high-speed electronic shutter that compensates for conditions ranging

from bright sunlight to low-light environments. 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 provides 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 needing 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
- AC line-lock; phase adjustable

Technical Specifications

Image Device

1/3-in. 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; phase adjustable

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 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-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

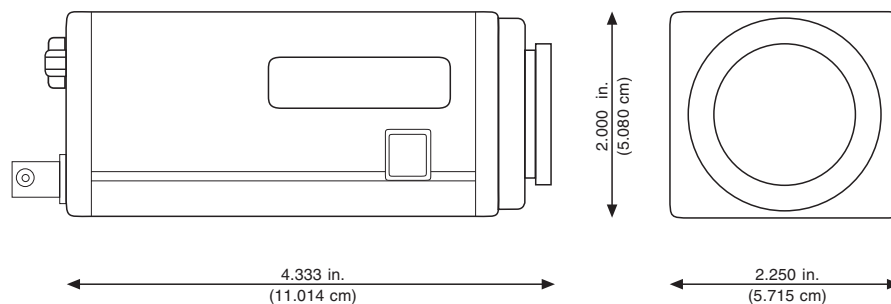
Universal, 9 to 40 VAC/VDC

Power Consumption

3.5 w

Weight

14.5 oz (412 g)



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