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KTC-217C V3 / V9

ExpressCam High Performance Camera

Overview

The KTC-217C is a high resolution, compact, color camera with integral varifocal DC autoiris lens. The ExpressCam camera series is designed for easy installation and includes a built-in varifocal lens, mounting bracket, power supply, and BNC connectors.

Outstanding Features

The KTC-217C offers 480 TV lines of resolution, high sensitivity (0.05 lux), and advanced digital signal processing. Its automatic backlight compensation prevents important foreground objects from becoming silhouetted against bright backgrounds.

The KTC-217C has advanced digital auto-tracking white balance (ATW) that provides accurate color rendition even under the most adverse lighting conditions.



Standard Features

- **480 TV lines of resolution**
- **0.5 lux sensitivity @ f1.2**
- **Digital automatic backlight compensation**
- **Advanced digital signal processing**
- **Digital horizontal and vertical aperture correction**
- **Advanced digital auto-tracking white balance**
- **Integrated DC autoiris varifocal lens: 3 to 8 mm or 9 to 22 mm**
- **24 VAC**
- **AC line-lock**
- **3x digital zoom**
- **Mirror function**



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Specifications

Image sensor

- 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

- AC line-lock

Resolution

- 480 TVL

Sensitivity

- 0.05 lux (faceplate), 0.5 lux @ f1.2

Signal-to-noise ratio

- > 50 dB

Electronic shutter

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

Color balance

- ATW: Standard range of 2500 to 9500 K

Auto backlight compensation

- Off/on

Video output composite

- 1.0 V pk-pk at 75 ohm load

Autoiris lens

- Integral 3 to 8 mm or 9 to 22 mm, DC autoiris

Operating temperature

- -4° to 122° F (-20° to 50° C)

Power source

- 24 VAC

Power consumption

- 2.0 W

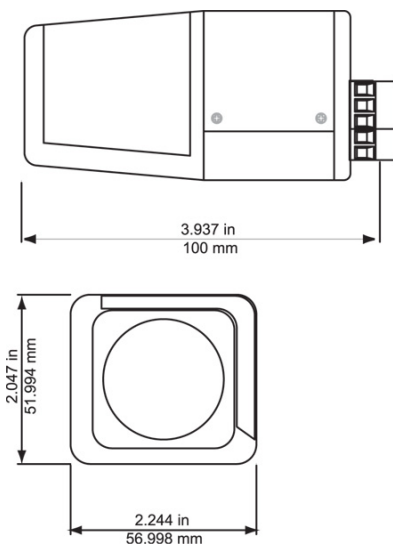
Weight

- 7.8 oz (221 g)

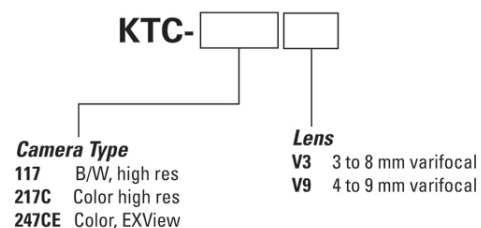
Additional features

- 3X Digital Zoom
- Mirror function

Related Diagram



Ordering Information



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