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Overview

The KTC-ZP-DN is a high-resolution EXview, color, day/night camera with digital zoom. The KTC-ZP-DN offers special optics and a digital electronic processing circuit. These features deliver sharp images during the day and a clear monochrome picture under low light or minimal infrared illumination.

The camera has 460 lines of resolution, high sensitivity (0.1 lux color and 0.02 black and white), and advanced digital signal processing. The KTC-ZP-DN operates at 0 lux under IR illumination.

Outstanding Features

The ZoomPlus camera offers 23x optical zoom lens and an additional 10x digital zoom. The camera is also equipped with a digital signal processor that improves image quality.

ZoomPlus features an onscreen display (OSD) that can be controlled from a camera keypad when the camera is linked to a monitor. The smart digital backlight compensation prevents important foreground objects from becoming silhouetted against bright backgrounds.

The KTC-ZP-DN assures accurate color rendition even under the most adverse lighting conditions with its intelligent wide range autotracking white balance.

KTC-ZP-DN

High-Resolution, EXview, Day/Night ZoomPlus Camera



Standard Features

- **EXview HAD CCD**
- **Switches from color to black and white in low light**
- **Removable infrared filter**
- **460 lines of resolution**
- **0.1 lux sensitivity in color and 0.02 lux in black and white mode**
- **0 lux with IR illumination**
- **23x optical zoom and 10x digital zoom**
- **Onscreen display menu**
- **Advanced digital signal processor**
- **Smart digital automatic backlight compensation**
- **Digital horizontal and vertical aperture correction**
- **Intelligent wide range autotracking white balance**

KTC-ZP-DN

High-Resolution, EXview, Day/Night ZoomPlus Camera

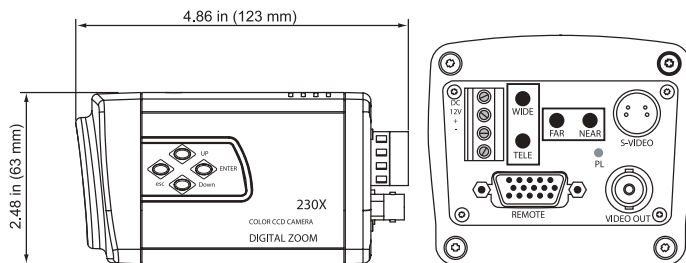
Specifications

Camera

- Image sensor: 1/4-in. EXview CCD
- Signal system: NTSC (PAL optional)
- Picture elements: 811 H x 508 V (NTSC)
- Scanning system: 525/60 lines (NTSC)
- Synchronizing system: Internal
- Resolution: 460 TVL
- Sensitivity: 0.1 lux (color), IR-cut on; 0.02 lux B/W, IR-cut off
- IR-cut filter: Automatic/manual switching
- Day-night change level: 0.02 to 15 lux adjustable
- Day-night change delay time: 5 to 8 sec.
- Diagonal angle of view: 58° (width) to 2.8° (telephoto)
- Zoom speed: 4.2 sec
- Signal-to-noise ratio: > 50 dB
- Electronic shutter: 1/60 to 1/100,000 sec., automatic
- Sense up: 2x to 64x (option)
- White balance: ATW 2500° to 9500° K; preset/manual
- BLC function: Auto on/off
- Gamma correction: 0.45

- AGC: Super AGC 0 to 36 dB
- ALC: Auto/fix
- Video output: Composite: 1.0 V p-p at 75 ohm load
- Lens: 23x optical zoom lens (F1.6 to 3.8 mm, f-3.6 to 82.8 mm)
- Motor-zoom/focus/iris: 800,000 times life
- Zoom: 23x optical and 10x digital
- Focus: Automatic/manual
- Position: 64 presets/positions (zoom, focus)
- Masking: 2 zones
- External control: RS-232 (for future use)
- Function: Optical and digital zoom, focus, iris, gain, white balance
- Baud rate: 9600 bps
- Power source: 12 VDC
- Power consumption: 2.5 W
- Operating temperature: 14 to 122°F (-10 to 50°C)
- Storage temperature: -4 to 158°F (-20 to 70°C)
- Operating humidity: 10 to 85 percent, RH
- Weight: 10.6 oz. (300 g)

Related Diagram



Ordering Information

KTC-ZP-DN



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