



KTC-105 B&W Camera
(shown with lens)

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The low light, high performance B&W camera(s) shall be Alpha Communications®/Kalatel model KTC-105 or approved equivalent. Camera(s) shall feature a 1/3" CCD image sensor, and shall require only .01 lux (faceplate). Camera(s) shall use standard 16mm 'C' or 'CS' mount lenses and shall provide more than 380 lines of resolution. Camera shall operate on a temperature range of 14° F to 122° F (-10° C to 50° C), and is designed for indoor use (unless installed in a proper outdoor housing). Camera(s) shall feature an electronic shutter operating at 1/60 - 1/80,000 second, with automatic adjustment. Camera(s) shall feature backlight compensation, and shall operate on 12VDC power.

Contractor shall observe all local and national electrical and building codes.

Check with applicable authorities regarding local and federal laws as they apply to party consent and video and/or audio recording.

KTC-105 1/3" Low Light High Performance CCD Camera

FEATURES

- Lightweight, miniature design, low-cost
- High sensitivity - needs only .01 lux (faceplate)
- High resolution - more than 380 lines
- Selectable Backlight Compensation
- Accepts video and DC auto iris lenses
- Utilizes variable high speed electronic shutter
- Uses all standard manual or auto-iris 'C' or 'CS' mount lenses

ELECTRICAL SPECIFICATIONS

<u>Image Sensor:</u>	1/3" CCD (542h x 494v) [EIA]
<u>Electronic Shutter:</u>	1/60 to 1/80,000 second, automatic adjustment
<u>Resolution:</u>	More than 380 lines
<u>Sensitivity:</u>	.01 lux (faceplate)
<u>Signal/Noise Ratio:</u>	>46 dB
<u>Gray Scale:</u>	Minimum 10 shades
<u>Scanning System:</u>	525 line 60 frame [EIA]; optional 625 line 50 frame [CCIR]
<u>Video Output:</u>	1.0 V peak to peak
<u>Geometric Distortion:</u>	None
<u>Supply Voltage:</u>	12VDC
<u>Power Consumption:</u>	1.9 W

MECHANICAL SPECIFICATIONS

<u>Dimensions:</u>	2.10" H x 2.13" W x 5.00" L (55 mm x 54 mm x 127 mm) (camera only - less lens)
<u>Weight:</u>	7.3 oz. (207g)
<u>Mount:</u>	1/4 - 20 bottom
<u>Lens Mount:</u>	Standard 16mm 'C' or 'CS' mount

ENVIRONMENTAL

<u>Temperature:</u>	14°F to 122°F (-10°C to 50°C)
<u>Humidity:</u>	0 to 95% relative

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.