



CCD-500E

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

This miniature low-light camera shall be Alpha Communications® model CCD-500E or approved equivalent. Camera shall feature a 1/2" CCD image sensor, and shall require only .01 lux. Camera shall feature an electronic shutter operating at 1/60 - 1/10,000 second, with variable adjustment and provide more than 600 lines resolution. Camera shall operate on a temperature range of 0°F to 140°F (-18°C to 60°C), and is designed for indoor use (unless installed in a proper outdoor housing). Camera is lightweight with compact design, 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.

CCD-500E Miniature High Resolution/Low Light B&W CCTV Camera

FEATURES

- More than 400,000 pixels (811h X 508v)
- Camera operates from 12VDC/120VAC/220VAC
- Camera features a variable electronic shutter
- Obtain a usable picture at only .001 footcandles
- Automatic black level and adjustable gamma correction
- Lightweight, compact design in a rugged, reinforced construction

ELECTRICAL SPECIFICATIONS

Image Sensor:	1/2" CCD frame transfer (811h x m508v) EIA, (795h x 596 pix - els) CCIR transfer [512h x 412v]
Electronic Shutter:	1/60 to 1/10,000 in 8 steps
Resolution:	Horizontal-More than 600 lines Vertical-375 lines Corner-Equal to center resolution
Sensitivity:	Full Video-.01 footcandle faceplate Usable Picture-.001 footcandle
Automatic Light Compensation:	3,000,000:1 with auto iris lens
Automatic Gain Control:	Selectable auto or manual
Grey Scale:	Minimum 10 shades
Automatic Black Level:	Maintains pedestal level within 2% for all conditions
Gamma:	0.2, 0.45 or 1
Signal to Noise:	Minimum 50 dB
Spectral Response:	15 to 1.1 micron
Synchronization:	Internal/Crystal 525/60 EIA, 625/50 CCIR
Video Output:	1.0V peak to peak
Supply Voltage:	12VDC/120VAC/220VAC(±10%)
Power Consumption:	2.5 watts

MECHANICAL SPECIFICATIONS

Dimensions:	2.375" H x 1.875" W x 3.50" L (61mm x 48mm x 89mm)
Weight:	12 oz. (340g)
Mount:	1/4" x 20 thread top and bottom
Lens Mount:	Standard 16mm "C" mount

ENVIRONMENTAL

Temperature:	0°F to 140°F (-18°C to 60°C)
Humidity:	0 to 95% relative

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