



BC-450

**ARCHITECTS' AND ENGINEERS'
SPECIFICATIONS**

The B&W ball camera(s) shall be Alpha Communications® model BC-450 or approved equivalent. Camera(s) shall feature a 1/3" CCD image sensor, and shall require only .03 lux. Camera(s) shall have a 3.6mm (or 6.5mm or 2.5mm) lens and shall provide more than 400 lines of resolution. Camera shall operate on a temperature range of 0° F to 140° F (-20° C to 60° C), and is designed for indoor or outdoor use. Camera(s) shall feature an electronic shutter operating at 1/60 - 1/16,000 second, with automatic adjustment. Camera shall include a swivel mounting bracket, 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.

**BC-450 Low Light
Weather-Resistant
CCD 'Ball' Camera**

FEATURES

- Mounts on any wall or ceiling - Indoors or Outdoors
- Excellent sensitivity - Needs only .03 Lux
- Superior resolution - More than 400 lines
- Utilizes a high performance 1/3 inch CCD sensor
- Camera comes complete with a 3.6 mm wide angle lens
- Features an automatic linear electronic shutter
- Operates on 12VDC (low voltage power module supplied)

ELECTRICAL SPECIFICATIONS

<u>Image Sensor:</u>	1/3 inch CCD
<u>Lens:</u>	<u>Standard</u> - 3.6mm wide angle lens (78° diagonal field of view)
	<u>Optional</u> - 2.5mm ultra wide angle lens (110° diagonal field of view)
	<u>Optional</u> - 6.5mm lens (52° diagonal field of view)
<u>Electrical Shutter:</u>	1/60 - 1/16,000, auto, 256 steps
<u>Resolution:</u>	More than 400 lines
<u>Sensitivity:</u>	.03 lux (faceplate)
<u>Grey Scale:</u>	Minimum 10 shades
<u>Scanning System:</u>	Standard: 525 line 60 frame (EIA); Optional: 625 line 50 frame (CCIR)
<u>Video Output :</u>	1.0V composite peak to peak
<u>Geometric Distortion:</u>	None
<u>Supply Voltage:</u>	120VAC / 12VDC
<u>Power Consumption:</u>	125ma

MECHANICAL SPECIFICATIONS

<u>Height:</u>	6.0" (152mm)
<u>Diameter:</u>	4.0" (100mm)
<u>Weight:</u>	1 lb. (450 gm)

ENVIRONMENTAL

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

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