

# CX Series

B / W & COLOR OUTDOOR CAMERAS

ALL-WEATHER OUTDOOR  
PERFORMANCE



**INTEGRATED 2.8-10MM F1.2  
AUTO-IRIS VARIFOCAL**



**2.8mm (78.2°)**



**10mm (21.6°)**

## FEATURES

- O-Ring sealed housing withstands any weather condition including rain, sleet and snow
- Non-corrosive anodized aluminum components
- Universal swivel bracket for wall or ceiling mount with cable feed hole through base
- Single 6' cable for power and video connection with power supply and crimp-on BNC included
- 12VDC power supply & mounting hardware included



**COVER REMOVED SHOWING  
2.8-10MM AUTO-IRIS VARIFOCAL LENS**



CAMERAS



CBC (AMERICA) Corp.

NEW YORK: 55 MALL DRIVE • COMMACK, NY 11725  
TEL: 1 (800) 422-6707 • (631) 864-9700 • FAX: (631) 543-5426  
CALIFORNIA: 20521 EARL STREET • TORRANCE, CA 90503  
TEL: 1 (800) 888-0131 • (310) 793-1500 • FAX: (310) 793-1506  
[www.cbcamerica.com](http://www.cbcamerica.com)

## AVAILABLE MODELS

## CX Series Cameras

B/W & Color Outdoor Camera Series

|                     |                                       |
|---------------------|---------------------------------------|
| <b>B/W MODELS</b>   |                                       |
| <b>CX-EV310A</b>    | Standard Res B/W with 2.8-10mm lens   |
| <b>COLOR MODELS</b> |                                       |
| <b>CX-NV310A</b>    | Standard Res Color with 2.8-10mm lens |
| <b>CXH-NV310A</b>   | Hi-Res Color with 2.8-10mm lens       |



CX SERIES SIDE VIEW

## SPECIFICATIONS

| MODELS                     | CX-NV310A (Color)/CXH-NV310A (Hi-Res Color)                                          | CX-EV310A (B/W)                        |
|----------------------------|--------------------------------------------------------------------------------------|----------------------------------------|
| LENS FOCAL LENGTH          | 2.8 - 10mm                                                                           | 2.8 - 10mm                             |
| LENS F-STOP                | 1 : 1.2                                                                              | 1 : 1.2                                |
| IRIS                       | F 1.2 -360 (DC auto-iris)                                                            | F 1.2 -360 (DC auto-iris)              |
| ANGLE OF VIEW              | 78.2°~21.6° (H)                                                                      | 78.2°~21.6° (H)                        |
| TV SYSTEM                  | NTSC                                                                                 | EIA                                    |
| SCANNING SYSTEM            | 2:1 Interlace                                                                        | 2:1 Interlace                          |
| IMAGE SENSOR               | 1/4" IT CCD                                                                          | 1/4" IT CCD                            |
| EFFECTIVE ELEMENTS         | 510(H) x 492(V) / 768(H) x 494(V)                                                    | 510(H) x 492(V)                        |
| SYNC FREQUENCY (H/V)       | 15.734 kHz / 59.94Hz                                                                 | 15.734 kHz / 59.94Hz                   |
| VIDEO OUTPUT               | 1.0 V (p/p) / 75 OhmsΩ                                                               | 1.0 V (p/p) / 75 Ohms                  |
| RESOLUTION (HORIZONTAL)    | 330 TVL / 480 TVL                                                                    | 380 TVL                                |
| S/N RATIO                  | More than 50 dB (AGC gain : minimum)                                                 | More than 50 dB (AGC gain : minimum)   |
| GAMMA CHARACTERISTICS      | 0.45                                                                                 | 0.45                                   |
| ADJUSTMENTS                | DC iris level, BLC                                                                   | DC iris level, BLC                     |
| MINIMUM ILLUMINANCE @ F1.2 | 1.5 lux (50 IRE)<br>0.75 lux (30 IRE)                                                | 0.48 lux (50 IRE)<br>0.24 lux (30 IRE) |
| SYNC. SYSTEM               | Internal                                                                             | Internal                               |
| WHITE BALANCE              | Auto                                                                                 | NA                                     |
| POWER INPUT                | DC 12V ± 10% (regulated power supply included)                                       |                                        |
| POWER CONSUMPTION          | 2.0 Watts                                                                            |                                        |
| OPERATING TEMPERATURE      | -30° F to + 140° F                                                                   |                                        |
| EXTERNAL DIMENSIONS        | 2.0" Diameter x 4.0" Length (excluding bracket)                                      |                                        |
| WEIGHT                     | approx. 12 ounces                                                                    |                                        |
| HOUSING MATERIAL           | anodized aluminum with stainless steel hardware                                      |                                        |
| HOUSING FINISH             | Silver anodized (custom colors available)                                            |                                        |
| POWER/VIDEO CONNECTION     | Single 4 conductor water proof cable with power and video leads (BNC conn. included) |                                        |
| HOUSING FINISH             | Silver anodized (custom colors available)                                            |                                        |



CBC (AMERICA) Corp.

NEW YORK: 55 MALL DRIVE COMMACK, NY 11725 TEL: 1 (800) 422-6707 • (631) 864-9700 • FAX: (631) 543-5426  
CALIFORNIA: 20521 EARL STREET TORRANCE, CA 90503 TEL: 1 (800) 888-0131 • (310) 793-1500 • FAX: (310) 793-1506

www.cbcamerica.com © 2003 CBC (AMERICA) Corp. All Rights Reserved. 8/03