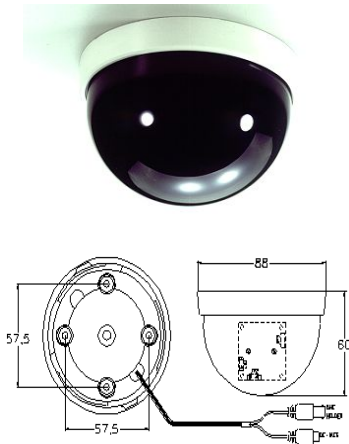




## Mintron™ 83X10

### 1/3" Medium Resolution DSP Color Mini-Dome Camera



### Features

- 1/3" Extra-View Color CCD and Mintron 20MIPS DSP
- 380 TV Lines (470 TV line equivalent with Adaptive Edge Enhancement)
- 0.3 LUX at F1.2

### Description

A mini-dome, color CCTV camera with 1/3" Extra View CCD and Mintron™ 20MIPS DSP. This camera produces excellent quality video, in color, at 380/470 TV lines. The Extra View CCD provides an excellent minimum illumination level of 0.3 Lux @F1.2. **Recommended Use:** Indoors, where an interchangeable lens is not needed and lighting is relatively constant. Provides good quality video down to relatively low light levels. Not for use pointing at exterior windows or doors, where the high light sensitivity of the CCD causes flaring effects.

Mintron™ 83X10N & 83X10P SPECIFICATIONS

| MODEL                 | 83X10N  | 83X10P                   |
|-----------------------|---|--------------------------|
| TV System             | NTSC  | PAL                      |
| Picture Element       | 537(H) X 505(V)   | 537(H) X 597(V)          |
| Scanning System       | 525 lines, 60 fields/sec  | 625 lines, 50 fields/sec |
| Sync System           | Internal  |                          |
| Minimum Illumination  | 0.3 Lux at F1.2   |                          |
| Resolution            | 380 TVL / 470 TVL (Enhanced)  |                          |
| S/N Ratio             | 52dB ( MIN ) / 60dB ( TYP ) (AGC OFF)                               |                          |
| Auto iris             | A.E.S.  |                          |
| A.E.S.                | 1/60~1/100,000 sec.   | 1/50~1/100,000 sec.      |
| Video Output          | 1.0V p-p composite video at 75 ohm                                  |                          |
| Gamma Correction      | 0.45  |                          |
| Gain Control          | AGC   |                          |
| White Balance         | ATW / AWB   |                          |
| White Balance Range   | ATW ( 3200---10000 °K ) / AWB (Auto White Balance) / FIX( 3200 °K ) |                          |
| Operation Temperature | -20°C TO 50°C   |                          |
| Operation Humidity    | within 85%RH  |                          |
| Power Source          | DC 12V±1V / 80mA  |                          |

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| Camera         | Style   | Indoor | Outdoor | A/I Drive | Lens                            | Lux                         | Resolution (TV Lines) | Digital Zoom |
|----------------|---|--------|---------|-----------|---------------------------------|-----------------------------|-----------------------|--------------|
| <b>Sentry</b>  |   |        |         |           |                                 |                             |                       |              |
| S-831D         | Mini Dome                                     | Yes    | No      | No        | 3.6mm                           | 0.25                        | 380                   | No           |
| S-5312IR       | Waterproof, IR Bullet Camera                  | Yes    | Yes     | No        | 3.6mm                           | 0.0 with Infrared           | 380                   | No           |
| S-5324IR       | Waterproof, IR Bullet Camera                  | Yes    | Yes     | No        | 6mm                             | 0.0 with Infrared           | 380                   | No           |
| S-631B         | Long Body                                     | Yes    | Yes     | Yes       | C/CS Mount                      | 0.2                         | 380                   | No           |
| S-631BH-D/N    | Long Body                                     | Yes    | Yes     | Yes       | C/CS Mount                      | 0.03                        | 470                   | No           |
| S-631B-D/N     | Long Body                                     | Yes    | Yes     | Yes       | C/CS Mount                      | 0.03                        | 380                   | No           |
| S-831AD-VP/VF  | Vandal Resistant, Weatherproof, Mini Dome     | Yes    | Yes     | Yes       | 3.5mm-8mm vari-focal, auto-iris | 0.2                         | 380                   | No           |
| S-531PIR       | Pinhole, mounted in a PIR case                | Yes    | No      | No        | 3.7mm                           | 0.2                         | 380                   | No           |
| <b>Mintron</b> |   |        |         |           |                                 |                             |                       |              |
| 84K0           | Mini Dome                                     | Yes    | No      | No        | 3.7mm                           | 0.5                         | 380/470               | No           |
| 84K0N-N        | Mini Dome with IR LEDs                        | Yes    | No      | No        | 4.3mm                           | 0.5<br>(0.0 with Infrared)  | 380/470               | No           |
| 84K20-VF       | Mini Dome                                     | Yes    | No      | No        | 4 to 8mm vari-focal, auto-iris  | 0.5                         | 380/470               | No           |
| 34C2A          | Mini Camera                                   | Yes    | No      | No        | 4mm                             | 0.5                         | 380/470               | No           |
| 34K0           | Mini Camera                                   | Yes    | No      | No        | 3.6mm                           | 0.5                         | 380/470               | 2X           |
| 34K0I          | Pinhole Mini Camera                           | Yes    | No      | No        | 3.7mm pinhole                   | 1.0                         | 380/470               | 2X           |
| 83X10          | Mini Dome                                     | Yes    | No      | No        | 3.6mm                           | 0.3                         | 380/470               | No           |
| 83X10H         | Mini Dome                                     | Yes    | No      | No        | 3.6mm                           | 0.4                         | 470/580               | No           |
| 63X11          | Long Body                                     | Yes    | Yes     | Yes       | C/CS Mount                      | 0.3                         | 380/470               | 2X           |
| 63X11H         | Long Body                                     | Yes    | Yes     | Yes       | C/CS Mount                      | 0.4                         | 470/580               | 2X           |
| 63K3           | Long Body                                     | Yes    | Yes     | Yes       | C/CS Mount                      | 0.3                         | 380/470               | 2X OSD       |
| 63W1           | Long Body                                     | Yes    | Yes     | Yes       | C/CS Mount                      | 0.015                       | 470/580               | 2X OSD       |
| 63V1H          | Long Body                                     | Yes    | Yes     | Yes       | C/CS Mount                      | 0.003                       | 470/580               | 2X OSD       |
| 63V5H          | Long Body                                     | Yes    | Yes     | Yes       | C/CS Mount                      | 0.003                       | 470/580               | 2X OSD       |
| 64G2DH         | Long Body                                     | Yes    | Yes     | N/A       | 4 to 88mm                       | 0.02                        | 470/580               | 220X         |
| B-83X10N-N     | Vandal Proof IR Mini Dome                     | Yes    | Yes     | No        | 3.7mm                           | 0.5,<br>(0.0 with Infrared) | 380/470               | No           |
| B-53X10N-N     | Vandal Proof, Weather proof, IR Bullet Camera | Yes    | Yes     | No        | 3.7mm                           | 0.5,<br>(0.0 with Infrared) | 380/470               | No           |
| D-54K0         | Waterproof, IR Bullet Camera                  | Yes    | Yes     | No        | 4.3mm                           | 0.5,<br>(0.0 with Infrared) | 380/470               | No           |

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