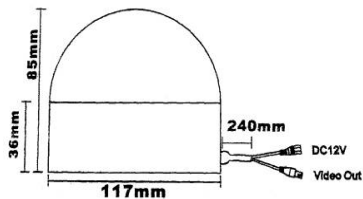




## Mintron™ B-83X10

1/3", Color, Vandal-proof, Day/Night, Dome Camera



### Features

- ⚡ 1/3" Extra-View Color CCD and Mintron 20MIPS DSP
- ⚡ 380 TV Lines (470 TV line equivalent with Adaptive Edge Enhancement)
- ⚡ 0.5 LUX at F1.2 (Color); 0.0 Lux with Infra-Red
- ⚡ Heavy duty, vandal-proof dome case

### Description

A vandal proof, dome, color CCTV camera with 1/3" Extra View CCD and Mintron 20MIPS DSP. This camera utilizes a cast aluminum base with thick, clear polycarbonate dome with a tamper-proof fastening. It is capable of resisting a blow from a sledge hammer or blast from a shotgun. The internal camera includes Infra-Red LEDs for image production at light levels less than 0.5 Lux – down to and including total darkness. It produces excellent quality video, in color, at 380/470 TV lines. The Extra View CCD provides color images down to an excellent minimum illumination level of 0.5 Lux @F1.2, and black and white images under Infra-Red.

**Recommended Use:** Indoors, in high damage-risk areas. Provides good quality color video down to relatively low light levels and black and white video under Infra-Red. Not for use pointing at exterior windows or doors, where the high light sensitivity of the CCD causes flaring effects.

Mintron™ B-83X10N & B-83X10P SPECIFICATIONS		
MODEL	B-83X10N	B-83X10P
TV System	NTSC	PAL
Picture Element	542(H) X 496(V)	542(H) X 586(V)
Scanning System	525 lines, 60 fields/sec	625 lines, 50 fields/sec
Sync System	Internal	
Minimum Illumination	0.5 Lux at F1.2 in color mode. 0.0 Lux with IR	
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	ATC / AWC(option) (Zero color rolling)	
White Balance Range	3200---10000 °K	
Operation Temperature	-20°C TO 50°C	
Operation Humidity	within 85%RH	
Power Source	DC 12V±1V / 100mA	

### Sentry Security Systems Inc.

1-1257 Midland Ave - Kingston, Ontario K7P 2Y1 Canada

Web: [www.sentry-resellers.com](http://www.sentry-resellers.com) | [www.cctvsentry.com](http://www.cctvsentry.com)

Phone: 866.736.8796 | Fax: 613.384.1733 | Email: [sales@cctvsentry.com](mailto:sales@cctvsentry.com)



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 (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, (0.0 with Infrared)	380/470	No
B-53X10N-N	Vandal Proof, Weather proof, IR Bullet Camera	Yes	Yes	No	3.7mm	0.5, (0.0 with Infrared)	380/470	No
D-54K0	Waterproof, IR Bullet Camera	Yes	Yes	No	4.3mm	0.5, (0.0 with Infrared)	380/470	No

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