

SC- 8712-BIR

1/3" Color High Resolution DSP Infrared Dome Camera

Camera Highlights



- ◆ 1/3" Panasonic CCD image sensor
- ◆ High Resolution 550 TV lines
- ◆ 18 IR LEDs
- ◆ Supports electronic shutter function
- ◆ Automatic ATW
- ◆ AGC, BLC
- ◆ Minimum illumination 0.5 Lux
(0 Lux with IR)

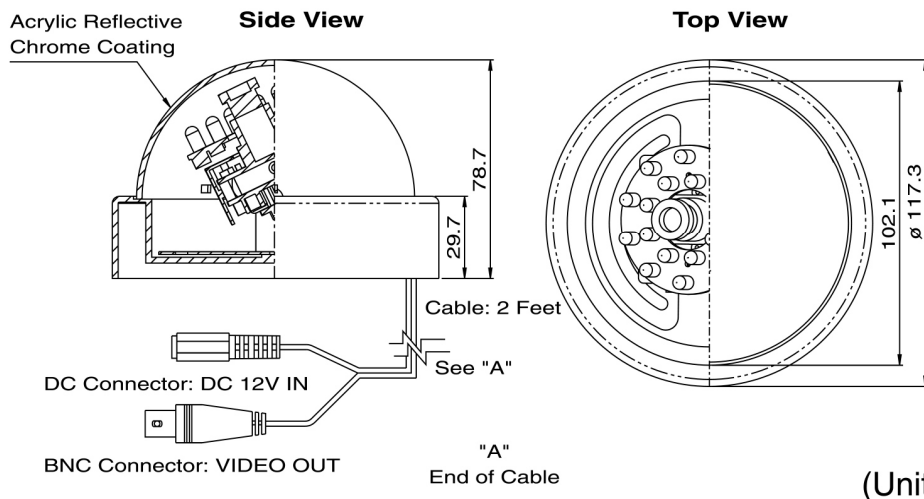
This is a 550 TV lines high resolution digital color camera provides premium-quality color images during the day and clear black and white images at night.

Digital Signal Processing (DSP) minimizes aliasing (the creation of color noise) when viewing patterned objects. The Auto Tracking White Balance (ATW) function improves picture quality and color reproduction in variable light settings. Automatic Gain Control (AGC) automatically adjusts the video quality in low light condition. Back Light Compensation (BLC) electronically compensates for high background lighting to give detail which would normally be silhouetted.

The camera features 18 powerful infrared illuminators for a low light condition. Minimum illumination requirements are as low as 0.5 lux for day color mode and 0.0 Lux for black/white night mode.

This camera is recommended for DVR system utilizing digital motion detection. It can be operated under a very wide range of temperature (-10°C to +60°C) without safety concern.

Camera Dimensions



Model Specifications

Model	SC-8712-BIR
Description	1/3" High Resolution Color DSP IR Dome Camera
Pick up Element	Panasonic CCD Image Sensor
Number of Pixels	<NTSC>768(H) × 494 (V) <PAL>752(H) ×582(V)
Back Light Compensation	ON
Auto Electronics Shutter	ON
ATW	ON
AGC	ON
Flicker less	ON
Sync. Mode	Internal Sync.
Scanning System	2:1 Interlace
Resolution	550TVL
S/N Ratio	More than 48dB
Gamma	0.45
Minimum illumination	0.5 Lux, F 1.4 (0 Lux with IR)
IR LED Quantity	18
Horizontal Sync. Frequency	<NTSC> 15.734 KHz <PAL> 15.625 KHz
Video Output	1.0 Vp-p, 75 ohm
Power Source	DC 12V
Power Consumption	3.6W
Operating Temperature	-10°C to +60°C
Lens Amount	6.0 mm Board Lens (Standard) 8.0mm Board Lens (Optional)
Shutter Control	<NTSC> 1/60-1/100,000 sec. <PAL> 1/50-1/100,000 sec.
Dimension	117 (Ø) × 74 (H) mm
Net Weight	0.41kg
Ext. Model	SC-8712BIRA/ with Audio

*Specifications are subject to change without notice