

## SC- 8612-B

### 1/3" Color DSP Dome Camera



#### Camera Highlights

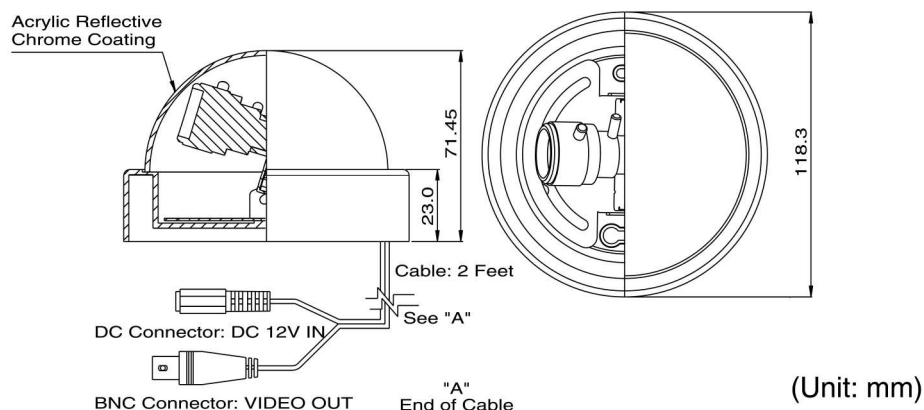
- ◆ 1/3" Panasonic CCD image sensor
- ◆ Resolution 420 TV lines
- ◆ Supports electronic shutter function
- ◆ Automatic ATW
- ◆ AGC and BLC functions
- ◆ Minimum illumination 0.5 Lux (F 1.4)

The SC-8612-B is a Fixed Dome camera for indoor applications, and can be easily mounted to a wall or ceiling. This camera features 420 TV Lines resolution provided by 1/3 inch Panasonic CCD image sensor and creates clear color images.

Digital Signal Processing (DSP) minimizes aliasing (the creation of color noise) when viewing patterned objects. These cameras offer a choice of board lens (3.6~12mm). 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. Minimum illumination requirements for SC-8612-B camera are as low as 0.5 Lux (F 1.4). The S/N Ratio is more than 48dB.

The camera can be operated under a very wide range of temperature (-10°C to +60°C) without safety concern.

#### Camera Dimensions



## Model Specifications

|                                   |                                                                        |
|-----------------------------------|------------------------------------------------------------------------|
| <b>Model</b>                      | <b>SC-8612B</b>                                                        |
| <b>Description</b>                | 1/3" Color DSP Dome Camera                                             |
| <b>Pick up Element</b>            | Panasonic CCD Image Sensor                                             |
| <b>Number of Pixels</b>           | <NTSC> 510 (H) × 492 (V) <PAL>512(H) ×582(V)                           |
| <b>Back Light Compensation</b>    | ON                                                                     |
| <b>Auto Electronics Shutter</b>   | ON                                                                     |
| <b>ATW</b>                        | ON                                                                     |
| <b>AGC</b>                        | ON                                                                     |
| <b>Sync. Mode</b>                 | Internal Sync.                                                         |
| <b>Scanning System</b>            | 2:1 Interlace                                                          |
| <b>Resolution</b>                 | 420TVL                                                                 |
| <b>S/N Ratio</b>                  | More than 48dB                                                         |
| <b>Gamma</b>                      | 0.45                                                                   |
| <b>Minimum illumination</b>       | 0.5 Lux, F 1.4                                                         |
| <b>Horizontal Sync. Frequency</b> | <NTSC> 15.734 KHz<br><PAL> 15.625 KHz                                  |
| <b>Video Output</b>               | 1.0 Vp-p, 75 ohm                                                       |
| <b>Power Source</b>               | DC 12V ;AC /DC (12 ~ 24)V                                              |
| <b>Power Consumption</b>          | 3.6W                                                                   |
| <b>Operating Temperature</b>      | -10°C to +60°C                                                         |
| <b>Lens Amount</b>                | 3.6mm Board Lens(STD)<br>4.0mm/6.0mm/8.0mm/12.0mm Board Lens(Optional) |
| <b>Shutter Control</b>            | <NTSC> 1/60-1/100,000 sec.<br><PAL> 1/50-1/100,000 sec.                |
| <b>Dimension</b>                  | 118 (Ø) × 85 (H) mm                                                    |
| <b>Net Weight</b>                 | 0.5kg                                                                  |

\*Specifications are subject to change without notice