

# SBC-330A(P)/SBC-300AP/ SBC-331A(P)/SBC-301AP

*1/3" Standard, Black and White Camera*



## Summary

As a B/W camera that adopts up to the minute 1/3" CCD (320,000 pixels for PAL, 270,000 pixels for EIA:SBC-330A(P) /SBC-300AP) (470,000 pixels for PAL, 410,000 pixels for EIA:SBC-331A(P)/SBC-301AP), it is capable of superb observation at an economical price.

Through the use of the state-of-the-art CCD and the outstanding signal processor, this camera provides extremely sharp image quality. By using its backlight compensation function it is able to give brighter and sharper images of an object darkened by background lighting or sunlight. It applies highly sensitive CCD, which allows optimum observation of parking lots or building interiors that are dimly lit at best and also switch, with which it can selectively use the line-lock or flickerless function. By adopting the ELC function, it can use the manual Iris lens economically. Without ELC function, it can use the automatic lens of DC type or video selectively. Its mechanism is designed to accommodate with any C/CS lens mount adaptor. The camera supports easy installation since it can be mounted either on the top or the bottom of the camera adapter.

SBC-300AP/SBC-301AP is designed to make use of the AC230V power source, and can be employed by being directly plugged into the receptacle. In cases of the SBC-330A(P)/SBC-331A(P), both AC24V and DC12V (nonpolar) are available with the use of power adapter.



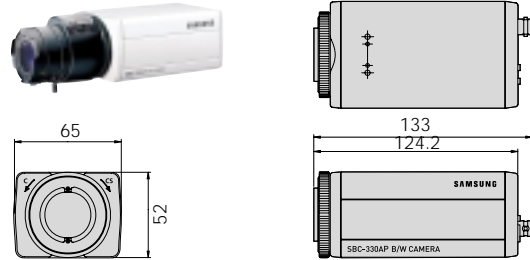
# SBC-330A(P)/SBC-300AP/SBC-331A(P)/SBC-301AP

## 1/3" Standard, Black and White Camera

### Features

- 1/3" 320,000 (SBC-330A : 270,000) Pixels CCD
- 1/3" 470,000 (SBC-331A : 410,000) Pixels CCD
- Horizontal resolution (SBC-330A(P)/SBC-300AP : 420 TV lines), (SBC-331A(P)/SBC-301AP : 570 TV lines)
- Back light compensation circuitry
- External synchronization with linelock
- Accepts 2 types of auto-Iris lenses (DC/Video)
- Accepts CS/C-mount without adaptor
- Power input (SBC-330A(P)/SBC-331A(P): AC24V/DC12V compatible/ SBC-300AP/SBC-301AP : AC230V)
- Built-in ground fault isolation transformer

### Dimensions (unit : mm)



### Rear Panel



### Specifications

|                          |                                     | SBC-330AP/SBC-300AP/SBC-331AP/SBC-301AP   | SBC-300A/SBC-331A                    |
|--------------------------|-------------------------------------|---|--------------------------------------|
| Camera Type              | Color                               | B/W   | B/W                                  |
| Image                    | Device                              | CCD   | CCD                                  |
|                          | Size                                | 1/3 inch  | 1/3 inch                             |
|                          | Pixels - Total                      | 537 x 597, 331AP:795 x 596  | 300A:537 x 505, 331A:811 x 508       |
|                          | Pixels - Effective                  | 500 x 582, 331AP:752 x 582  | 300A:510 x 492, 331A:768 x 494       |
| Scanning                 | System                              | Interlace   | Interlace                            |
|                          | Horizontal Frequency-Internal Mode  | 15,625 Hz   | 15,750 Hz                            |
|                          | Horizontal Frequency-Line-lock Mode | 15,625 Hz   | 15,750 Hz                            |
|                          | Vertical Frequency-Internal Mode    | 50 Hz   | 60 Hz                                |
|                          | Vertical Frequency-Line-lock Mode   | 50 Hz   | 60 Hz                                |
| Min. scene Illumination  | Color                               | 0.05 Lux  | 0.05 Lux                             |
| Functions                | BLC                                 | Off/On  | Off/On                               |
|                          | AGC                                 | Off/On  | Off/On                               |
|                          | ELC                                 | On(Max. 1/100Ksec)  | On(Max. 1/100Ksec)                   |
|                          | Line Lock                           | Off/On  | Off/On                               |
| Resolution               | Horizontal                          | 300AP:420 TV Lines, 301AP/331AP:570 TV Lines                                    | 300A:420 TV Lines, 331A:570 TV Lines |
|                          | Vertical                            | 350 TV Lines  | 350 TV Lines                         |
| Video Output             | VBS 1.0Vp-p                         | VBS 1.0Vp-p   | VBS 1.0Vp-p                          |
| S/N Ratio                | S/N Ratio                           | 52dB  | 52dB                                 |
| Lens                     | Lens Drive Type                     | A(Video/DC)   | A(Video/DC)                          |
| Environmental Conditions | Operating Temperature               | -10 °C ~ +50 °C   | -10 °C ~ +50 °C                      |
|                          | Humidity                            | Less than 90%   | Less than 90%                        |
| Power                    | Power Requirement                   | 300AP/301AP:AC220V-240V(50Hz), AC24V(330AP:50Hz, 331AP:60Hz)±10%, DC12V+10%/-5% | AC24V(60Hz)±10%, DC12V+10%/-5%       |
|                          | Power Consumption                   | 300AP/301AP:3W, 330AP/331AP:2W  | 300A:3W, 331A:2W                     |
|                          | LED Indicator                       | Yes   | Yes                                  |
| Physical Specification   | Dimensions (WxHxD)-Net              | 65 x 52 x 133 mm  | 65 x 52 x 133 mm                     |
|                          | Weight-Net                          | 520g  | 520g                                 |
|                          | Loading Quantity(20/40ft)           | 10,560/21,870   | 10,560/21,870                        |
|                          | Package Size                        | 530 x 241 x 182 mm  | 530 x 241 x 182 mm                   |

\* "P" indicates PAL model & "N" or no specific alphabet after the model name indicates NTSC model.

\* Design and specifications are subject to change without notice.



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