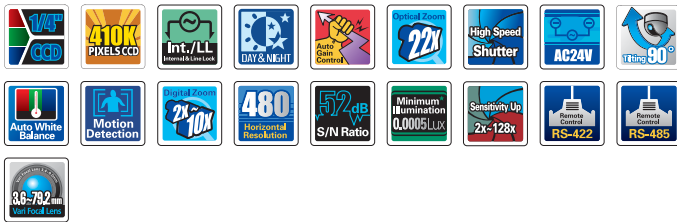




### Summary

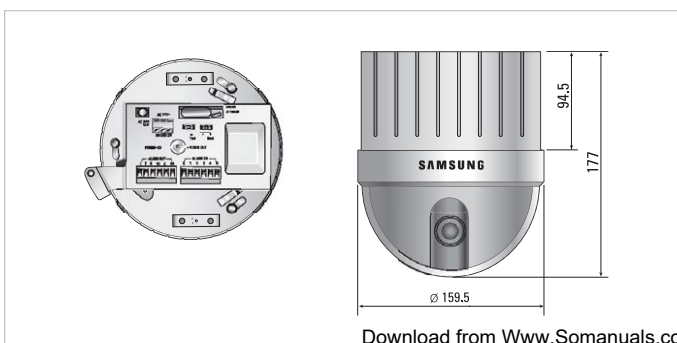
SCC-641/643A, a built-in auto focus zoom lens camera with a maximum magnification of 220X, supports a wide range of functions including low-illumination, Day & Night, privacy, white balance, backlight compensation and auto focus. Its alarm and motion detection functions allow quick capturing of images from the site of an incident, with the pan and tilt movements and zoom in/out functions of the camera. This camera can be controlled with the exclusive SSC-1000 controller. SCC-641 does not support Day & Night and privacy zone.



### Features

- Accurately captures distant object with the maximum 220X zoom.
- Possible to connect up to a maximum of 256 cameras using the exclusive controller (SSC-1000) made by Samsung, which can control a range of functions including pan, tilt, zoom, preset and manual focus
- Minimum scene illumination : 0.005(color)/0.0005(B/W) Lux
- Day & Night (SCC-643A)
- Privacy zone (SCC-643A)
- Up to 128 preset points
- 360° horizontal and 180° vertical turning while searching, at a maximum speed of 240°/sec
- Motion detection
- Alarm Input: 4Ch, Alarm Output: 3Ch
- Horizontal resolution : 480 TV Lines
- Remote control through RS-485/RS-422
- Pan/Tilt/Zoom/Focus can be controlled from a PC (Separate software required)

### Dimensions (unit:mm)



### Specifications

| Model                  | SCC-641(P)                                 | SCC-643A(P)                                  |
|------------------------|--|--|
| Imaging Device         | NTSC                                       | 1/4" Super HAD CCD 410K pixels               |
|                        | PAL  | 1/4" Super HAD CCD 470K pixels               |
| Effective Pixels       | NTSC : 768(H)x494(V) / PAL : 752(H)x582(V) |  |
| Scanning Method        | 2:1 Interlace                              |  |
| Scanning Line          | Horizontal                                 | NTSC : 15.750Hz / PAL : 15.625Hz             |
| Frequency              | Vertical                                   | NTSC : 60Hz / PAL : 50Hz                     |
| Synchronization Method | Internal/ Line lock                        |  |
| Horizontal Resolution  | 480 TV Lines                               |  |
| Signal Output          | VBS 1.0Vp-p(75 ohm, composite)             |  |
| S/N Ratio              | 52dB                                       |  |
| Minimum Scene          | Color                                      | 0.005(Sens up 128X,15IRE)Lux                 |
| Illumination           | B/W  | - 0.0005(Sens up 128X,15IRE)Lux              |
| Pan/Tilt               | Manual Pan                                 | Pan : 0.8°~90°/sec(64Step)                   |
|                        | /Tilt Speed                                | Tilt : 0.8°~45°/sec(64Step)                  |
|                        | Preset Pan/Tilt Speed                      | Pan : Max 240°/sec / Tilt : Max 150°/sec     |
|                        | Pan/Tilt Range                             | Pan : 360° Endless / Tilt : 0°~ 90°          |
|                        | Number of Preset                           | 128 Presets                                  |
|                        | Number of Pattern                          | 3 (30sec x 3)                                |
| Lens                   | Zoom Ratio                                 | 220X (22X Optical Zoom, 10X Digital Zoom)    |
|                        | Focal Length                               | 3.6~79.2mm                                   |
|                        | Aperture Ratio                             | F1.6(Wide), F3.8(Tele)                       |
|                        | Viewing Angle                              | 2°3'(H) x 1°7'(V)                            |
|                        | Tele Wide                                  | 47°9'(H) x 36°9'(V)                          |
| Functions              | Sens Up                                    | 128X(Auto/Fix)                               |
|                        | Digital Effect                             | H-Mirror, Picture in Picture (D Zoom)        |
|                        | White Balance                              | ATW/AWC/Manual                               |
|                        | BLC  | On (zone setting, position designation)/ Off |
|                        | Privacy Zone                               | - Possible to set 8 zones                    |
| Input/Output           | Image Output                               | BNC  |
|                        | Remote Control                             | RS-485(Half duplex) / RS-422                 |
|                        | Address Range                              | 1~128  |
|                        | Alarm Input                                | 4 NO/NC(5mA sink)                            |
| Operating Temperature  | -10°C ~ +50°C                              |  |
| Operating Humidity     | Maximum 90% RH                             |  |
| Power Requirement      | AC24V                                      |  |
| Power Consumption      | 18W  |  |
| Weight                 | 2.0Kg                                      |  |
| Dimensions             | 159.5mm(ø) x 177mm(D)                      |  |

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