

# SLA-12240/880

1/2" C-mount Motorized 20x/10x Zoom Lens



SLA-12240

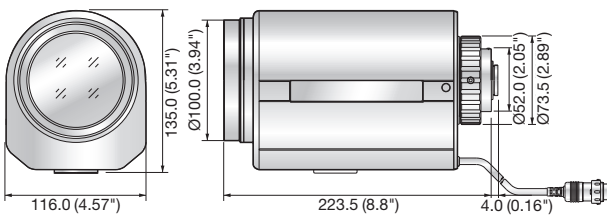
SLA-880

## Key Features

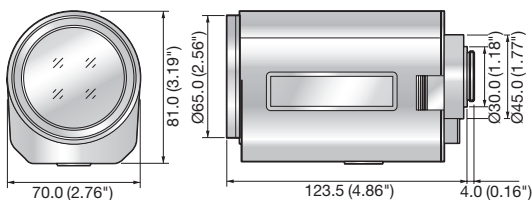
- Built-in 50mm lens with micro bolometer sensor
- Auto iris : SLA-12240 (DC), SLA-880 (Video)
- 20x optical zoom, 12 ~ 240mm / 0.47" ~ 9.45" (SLA-12240)  
10x optical zoom, 8 ~ 80mm / 0.31" ~ 3.15" (SLA-880)

## Dimensions

Unit : mm (inch)



SLA-12240



SLA-880

|                            |            | SLA-12240   | SLA-880  |              |
|----------------------------|------------|---|--|--------------|
| CCD                        |            | 1/2"  | 1/2"   | 1/3"         |
| Resolution                 |            | 1.3Megapixel                                      | 520K pixel                                       |              |
| Iris Type                  |            | Auto iris (DC)                                    | Auto iris (Video)                                |              |
| Object Distance            |            | 2.8m ~ ∞  | 0.2m ~ ∞   |              |
| Zoom Ratio                 |            | 20x   | 10x  |              |
| Mount                      |            | C-mount   | C-mount  |              |
| Focal Length               |            | 12 ~ 240mm (0.47" ~ 9.45")                        | 8 ~ 80mm (0.31" ~ 3.15")                         |              |
| Max. Aperture Ratio        |            | F1.6  | F1.2   |              |
| Angle of View              | Diagonal   | 38.9° ~ 1.9°                                      | 54.3° ~ 5.8°                                     | 41.3° ~ 4.4° |
|                            | Horizontal | 30.8° ~ 1.6°                                      | 44.0° ~ 4.7°                                     | 33.3° ~ 3.5° |
|                            | Vertical   | 23° ~ 1.2°  | 33.3° ~ 3.5°                                     | 25° ~ 2.6°   |
| Operation                  | Iris       | F1.6 ~ F 720C                                     | F1.2 ~ F 560C                                    |              |
|                            | Focus      | 1.2m ~ ∞  | 1.5m ~ ∞   |              |
|                            | Zoom       | Motorized   | Motorized  |              |
| Control                    | Iris       | 3.3V DC   | 8.5V DC ~ 16V DC                                 |              |
|                            | Focus      | 6 ~ 12V DC  | 8V DC  |              |
|                            | Zoom       | 6 ~ 12V DC  | 8V DC  |              |
| Object Dimension at M.O.D. |            | 240mm : 66mm x 50mm<br>(9.45" : 2.6" x 1.97")     | 80mm : 123mm x 92mm<br>(3.15" : 4.84" x 3.62")   |              |
| Back Focal Length          |            | 19.82mm (0.78")                                   | 15.3mm (0.6")                                    |              |
| Flange Back Length         |            | 17.526mm (0.69")                                  | 17.526mm (0.69")                                 |              |
| Preset                     |            | Built-in  | N/A  |              |
| Input Signal               |            | Video signal (V or VS)                            | Video signal (V or VS)                           |              |
| Sensitivity Adjustment     |            | 0.5V(p-p) ~ 1.0V(p-p) (Video signal)              | 0.5V(p-p) ~ 1.0V(p-p) (Video signal)             |              |
| Operating Temperature      |            | -10°C ~ +50°C (+14°F ~ +122°F)                    | -10°C ~ +50°C (+14°F ~ +122°F)                   |              |
| Dimensions (WxHxD)         |            | 116.0 x 135.0 x 223.5mm<br>(4.57" x 5.31" x 8.8") | 70.0 x 81.0 x 123.5mm<br>(2.76" x 3.19" x 4.86") |              |
| Weight                     |            | 2.6Kg (5.73 lb)                                   | 670g (1.48 lb)                                   |              |

\* The latest product information / specification can be found at [www.samsungsecurity.com](http://www.samsungsecurity.com)