

# LCD Kit Series

## 6.5" ~ 19" Open Frame LCD Monitor with OSD Function



**Sunlight Readable Available**

### Features

1. 6.5"~19" modular architecture for efficient integration
2. Over 300cd/m<sup>2</sup> high brightness and 50000hrs MTFB long lifetime panel
3. Analog VGA or digital DVI interfaces support most of general systems
4. Sunlight readable option
5. Support software OSD for remote control applications



### Specifications

| Specifications            |                            |                  |                    |                    |                              |                    |                     | 1000 nits                  | 1000 nits          | 800 nits           |
|---------------------------|----------------------------|------------------|--------------------|--------------------|------------------------------|--------------------|---------------------|----------------------------|--------------------|--------------------|
| Model                     | LCD-KIT65GH                | LCD-KIT84GH      | LCD-KIT104GH       | LCD-KIT121GX       | LCD-KIT150G                  | LCD-KIT170G        | LCD-KIT190G         | SRM-KIT121G                | SRM-KIT121XA       | SRM-KIT150G        |
| LCD Size                  | 6.5"                       | 8.4"             | 10.4"              | 12.1"              | 15"                          | 17"                | 19"                 | 12.1"                      | 12.1"              | 15"                |
| Input Interface           | Analog VGA                 |                  |                    | Analog VGA + DVI-D |                              |                    |                     |                            |                    |                    |
| Max. Resolution           | 640 x 480                  | 800 x 600        | 800 x 600          | 1024 x 768         | 1024 x 768                   | 1280 x 1024        | 1280 x 1024         | 800 x 600                  | 1024 x 768         | 1024 x 768         |
| Brightness (cd/m²)        | 800                        | 450              | 400                | 500                | 350                          | 300                | 300                 | 1000                       | 1000               | 800                |
| Contrast Ratio            | 600 : 1                    | 600 : 1          | 700 : 1            | 700 : 1            | 500 : 1                      | 800 : 1            | 1000 : 1            | 700:1                      | 700:1              | 600:1              |
| Display Color             | 262K                       | 262K             | 262K               | 262K               | 16.2M                        | 16.7M              | 16.7M               | 262k                       | 262k               | 262k               |
| Pixel Pitch (mm)          | 0.207                      | 0.213            | 0.264              | 0.3075             | 0.297                        | 0.264              | 0.294               | 0.3075                     | 0.240              | 0.297              |
| Viewing Angle (H/V)       | 160/140                    | 160/140          | 160/140            | 160/160            | 120/100                      | 160/160            | 170/160             | 130°/120°                  | 120°/120°          | 150°/110°          |
| Chassis                   | Heavy-duty                 |                  |                    |                    |                              |                    |                     |                            |                    |                    |
| Input Voltage             | 12VDC                      | 12VDC or 9-36VDC |                    |                    |                              |                    |                     |                            |                    |                    |
| OSD function              | Yes                        |                  |                    |                    |                              |                    |                     |                            |                    |                    |
| Smart-OSD                 | Yes                        |                  |                    |                    |                              |                    |                     |                            |                    |                    |
| Mounting                  | Panel                      |                  |                    |                    |                              |                    |                     |                            |                    |                    |
| Dimensions (W x H x D mm) | 203 x 121 x 34             | 234 x 147 x 35.3 | 242.2 x 209 x 33.6 | 294 x 240.7 x 42   | 364.1 x 262.5 x 41.9         | 390.4 x 300 x 46.9 | 427.9 x 327.4x 48.4 | 316 x 224.4 x 47.9         | 316 x 224.4 x 47.9 | 364.1 x 262.5 x 46 |
| Operating Temperature     | -10°C~50°C                 |                  |                    |                    |                              |                    |                     | -10°C~60°C                 |                    |                    |
| Net Weight                | 1 kg                       | 1.8 kgs          | 3 kgs              | 3.8 kgs            | 6 kgs                        | 8.6 kgs            | 10 kgs              | 3.3 kgs                    | 3.3 kgs            | 6 kgs              |
| Power Adapter             | 36W, 63000-FSP036RAB610-RS |                  |                    |                    | 50W, 63000-FSP050DBAB1411-RS |                    |                     | 36W, 63000-FSP036RAB610-RS |                    |                    |

Note: The smartOSD function is supported by revision 11 models and above

### Ordering Information

|       | Part No.          | Description                                                                                                  |
|-------|-------------------|--------------------------------------------------------------------------------------------------------------|
| 6.5"  | LCD-KIT65GH-R20   | 6.5" 800cd/m <sup>2</sup> High luminance VGA TFT LCD kit, VGA input, R20, RoHS                               |
|       | LCD-KIT84GH-R20   | 8.4" 450cd/m <sup>2</sup> High luminance SVGA TFT LCD kit, VGA input, R20, RoHS                              |
| 8.4"  | LCD-KIT84GH-R20   | 8.4" 450cd/m <sup>2</sup> High luminance SVGA TFT LCD kit, VGA input, R20, RoHS                              |
|       | LCD-KIT84GHM-R20  | 8.4" 450cd/m <sup>2</sup> High luminance SVGA TFT LCD kit, VGA input, 9~36V DC input, R20, RoHS              |
| 10.4" | LCD-KIT104GH-R20  | 10.4" 400cd/m <sup>2</sup> High luminance SVGA TFT LCD kit, VGA input, R20, RoHS                             |
|       | LCD-KIT104GHM-R20 | 10.4" 400cd/m <sup>2</sup> High luminance SVGA TFT LCD kit, VGA input, 9~36V DC input, R20, RoHS             |
| 12.1" | LCD-KIT121GX-R20  | 12.1" 500cd/m <sup>2</sup> XGA TFT LCD kit, VGA and DVI-D input, R20, RoHS                                   |
|       | LCD-KIT121GXM-R20 | 12.1" 500cd/m <sup>2</sup> XGA TFT LCD kit, VGA and DVI-D input, 9~36V DC input, R20, RoHS                   |
|       | SRM-KIT121G-R20   | 12.1" 1000 cd/m <sup>2</sup> Sun Rdadable SVGA TFT LCD kit, VGA and DVI-D input, R20, RoHS                   |
|       | SRM-KIT121XA-R20  | 12.1" 1000 cd/m <sup>2</sup> Sun Readable XGA TFT LCD kit, VGA and DVI-D input, R20, RoHS                    |
|       | SRM-KIT121XMA-R20 | 12.1" 1000 cd/m <sup>2</sup> Sun Readable XGA TFT LCD kit, VGA and DVI-D input, w/9-36V DC input, R20, RoHS  |
|       | SRM-KIT121GM-R20  | 12.1" 1000 cd/m <sup>2</sup> Sun Readable SVGA TFT LCD kit, VGA and DVI-D input, w/9-36V DC input, R20, RoHS |
| 15"   | LCD-KIT150G-R20   | 15" 350cd/m <sup>2</sup> XGA TFT LCD kit, VGA and DVI-D input, R20, RoHS                                     |
|       | LCD-KIT150GM-R20  | 15" 350cd/m <sup>2</sup> XGA TFT LCD kit, VGA and DVI-D input, 9~36V DC input, R20, RoHS                     |
|       | SRM-KIT150G-R20   | 15" 800 cd/m <sup>2</sup> Sun Rdadable XGA TFT LCD kit, VGA and DVI-D input, R20, RoHS                       |
|       | SRM-KIT150GM-R20  | 15" 800 cd/m <sup>2</sup> Sun Readable XGA TFT LCD kit, VGA and DVI-D input, w/9-36V DC input, R20, RoHS     |
| 17"   | LCD-KIT170GS-R20  | 17" 300cd/m <sup>2</sup> SXGA TFT LCD kit, VGA and DVI-D input, R20, RoHS                                    |
|       | LCD-KIT170GM-R20  | 17" 300cd/m <sup>2</sup> SXGA TFT LCD kit, VGA and DVI-D input, 9~36V DC input, R20, RoHS                    |
| 19"   | LCD-KIT190G-R20   | 19" 300cd/m <sup>2</sup> SXGA TFT LCD kit, VGA and DVI-D input, R20, RoHS                                    |
|       | LCD-KIT190GM-R20  | 19" 300cd/m <sup>2</sup> SXGA TFT LCD kit, VGA and DVI-D input, 9~36V DC input, R20, RoHS                    |

Note: The smartOSD function is supported by revision 11 models and above

[illegible]

Technical drawing of the 1000 Series LED Panel Light showing front, side, and detail views with dimensions in mm.

**Front View Dimensions:**

- Overall Width: 234.00 mm
- Inner Width: 224.00 mm
- Outer Width (excluding side tabs): 170.40 mm
- Overall Height: 127.80 mm
- Inner Height: 100.00 mm
- Height from bottom edge to inner frame: 67.00 mm
- Height from bottom edge to outer frame: 83.50 mm
- Distance from side edge to inner frame: 85.20 mm
- Distance from side edge to outer frame: 108.19 mm
- Distance from side edge to mounting hole center: 113.19 mm
- Mounting hole diameter:  $\phi 7.50$
- Distance from mounting hole center to bottom edge: 32.94 mm
- Distance from mounting hole center to bottom edge (including side tab): 49.44 mm
- Distance from mounting hole center to bottom edge (including side tab and bottom flange): 63.90 mm

**Side View Dimensions:**

- Overall Thickness: 44.00 mm
- Bottom Flange Thickness: 16.20 mm

**Detail View Dimensions:**

- Overall Width: 44.00 mm
- Overall Height: 147.00 mm

**Mounting Hole Pattern:**

- Overall Width: 213.00 mm
- Overall Height: 150.00 mm
- Label: Suggested Cut out size

[illegible]

**Dimensions**  
(Unit: mm)

Top View Dimensions:  
 - Overall Width: 296.00  
 - Overall Height: 236.10  
 - Cutout Width: 225.00  
 - Cutout Height: 225.00  
 - Mounting Flange Width: 112.50  
 - Mounting Flange Height: 118.65  
 - Mounting Flange Depth: 115.90  
 - Mounting Flange Thickness: 26.10  
 - Mounting Flange Spacing: 15.10  
 - Mounting Flange Hole Diameter: 41.30  
 - Mounting Flange Hole Spacing: 237.80

Side View Dimensions:  
 - Overall Depth: 225.00  
 - Mounting Flange Depth: 222.80  
 - Mounting Flange Thickness: 2.20

Front View Dimensions:  
 - Overall Width: 296.00  
 - Overall Height: 236.10  
 - Mounting Flange Width: 112.50  
 - Mounting Flange Height: 118.65  
 - Mounting Flange Depth: 115.90  
 - Mounting Flange Thickness: 26.10  
 - Mounting Flange Spacing: 15.10  
 - Mounting Flange Hole Diameter: 41.30  
 - Mounting Flange Hole Spacing: 237.80

Suggested Cut out size

Technical drawing of the 15.6 inch monitor showing front, side, and cut-out views with dimensions.

**Front View Dimensions:**

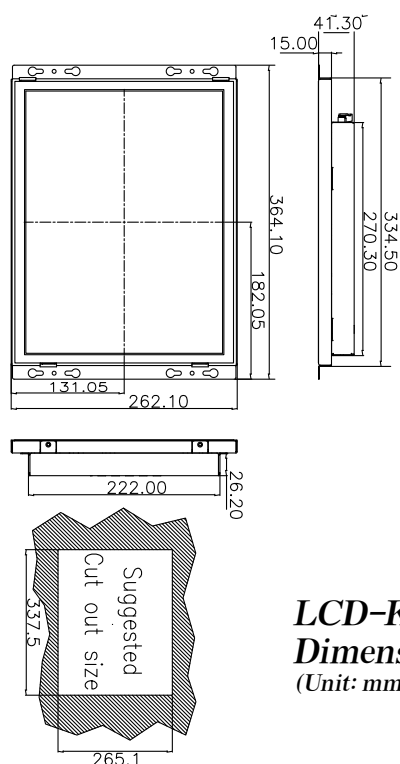
- Overall width: 294
- Panel width: 237.80
- Panel height: 156.06
- Bottom bezel height: 50.90
- Side bezel height: 74.70
- Mounting hole spacing (center-to-center): 112.50
- Mounting hole diameter: 4.5

**Side View Dimensions:**

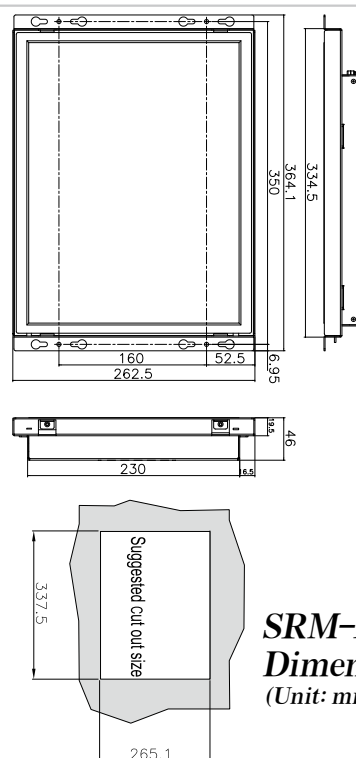
- Overall height: 225.90
- Panel height: 222.90
- Bottom bezel height: 9.5
- Mounting hole diameter: 4.5

**Cut-out View Dimensions:**

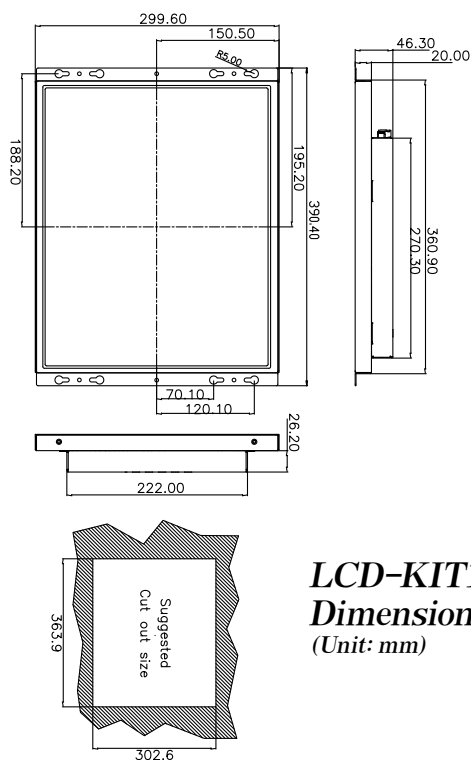
- Overall width: 297
- Overall height: 228.9
- Label: Suggested Cut out size



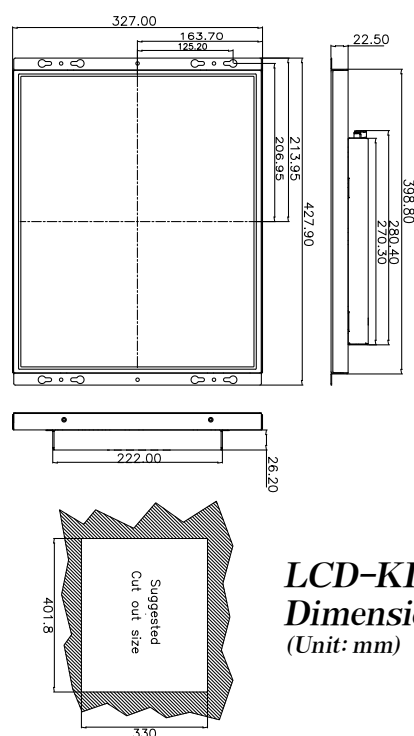
**LCD-KIT150G**  
Dimensions  
(Unit: mm)



**SRM-KIT150G**  
Dimensions  
(Unit: mm)



**LCD-KIT170G**  
Dimensions  
(Unit: mm)



**LCD-KIT190G**  
Dimensions  
(Unit: mm)