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## SSF3805-I / SSH3805-I V3

### 37.6" Resizing LCD, 1000 nits LED backlight, 1920 x 540 ultra-wide aspect ratio 16:4.5

The SSF/SSH3805-I is a 37.6 inch color TFT-LCD display with special aspect ratio 16:4.5 and wide resolution 1920 x 540. It is Litemax's Spanpixel series product which designed for high brightness 1000 nits with power efficiency LED backlight. It provides LCD panel with specific aspect ratios and sunlight readable for digital signage, public transportation, exhibition hall, department store, and vending machine.

#### Key Features

- Resizing LCD
- Ultra-Wide Screen (16 : 4.5)
- High Brightness 1000 nits
- Sunlight Readable
- LED Backlight
- Low Power Consumption
- Slim Bezel
- BL MTBF: 100,000 hours



#### Specifications

| Model Name              | SSF3805-I / SSH3805-I V3                                     |
|-------------------------|--------------------------------------------------------------|
| Description             | 37.6" Resizing LCD, 1000 nits LED backlight, 1920x540        |
| Screen Size             | 37.6"                                                        |
| Display Area (mm)       | 919.296(H) x 258.5(V)                                        |
| Brightness              | 1000 cd/m <sup>2</sup>                                       |
| Resolution              | 1920x540                                                     |
| Aspect Ratio            | 16 : 4.5                                                     |
| Contrast Ratio          | 8000 : 1                                                     |
| Pixel Pitch (mm)        | 0.4788(H) x 0.4788(V)                                        |
| Pixel Per Inch (PPI)    | 52                                                           |
| Viewing Angle           | 178°(H), 178°(V)                                             |
| Color Saturation (NTSC) | 82%                                                          |
| Display Colors          | 16.7M                                                        |
| Response Time (Typical) | 9.5ms                                                        |
| Video Interface (SSF)   | LVDS                                                         |
| Power Consumption (SSF) | 31.4W                                                        |
| Dimensions (mm)         | 960x 302.4 x 15.8                                            |
| Bezel Size(U/B/L/R)     | 15.2/23.8/17.9/17.9 mm                                       |
| Weight (Net)            | 5 kg                                                         |
| Video Interface (SSH)   | VGA, DVI-D, HDMI                                             |
| Power Consumption (SSH) | 36.4W                                                        |
| OSD Key                 | 4 Keys (Power Switch, Menu, +, -)                            |
| OSD Control             | Brightness, Color, Contrast, Auto Turing, H/V Position...etc |
| Operating Temperature   | 0 °C ~ 50 °C                                                 |
| Storage Temperature     | -20 °C ~ 60 °C                                               |

SSF= Panel+ LED Driving Board

SSH= Panel+ LED Driving Board + AD Control Board

Specifications are subject to change without notice.  
All brands or product names are trademarks or registered trademarks of their respective companies.



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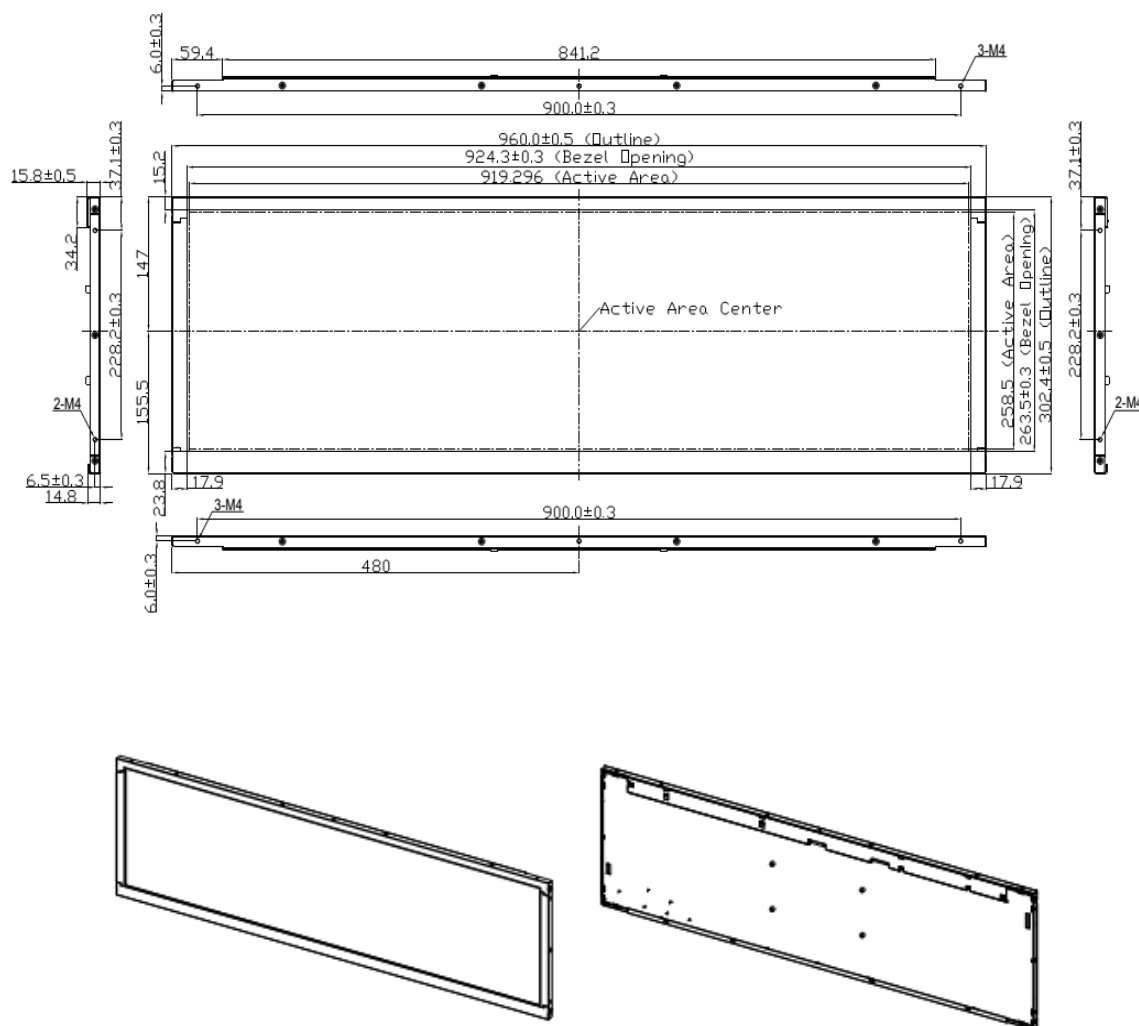
## Mechanical Drawing

### Outline Dimensions

Unit: mm

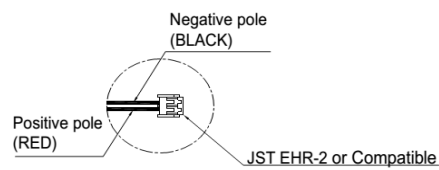
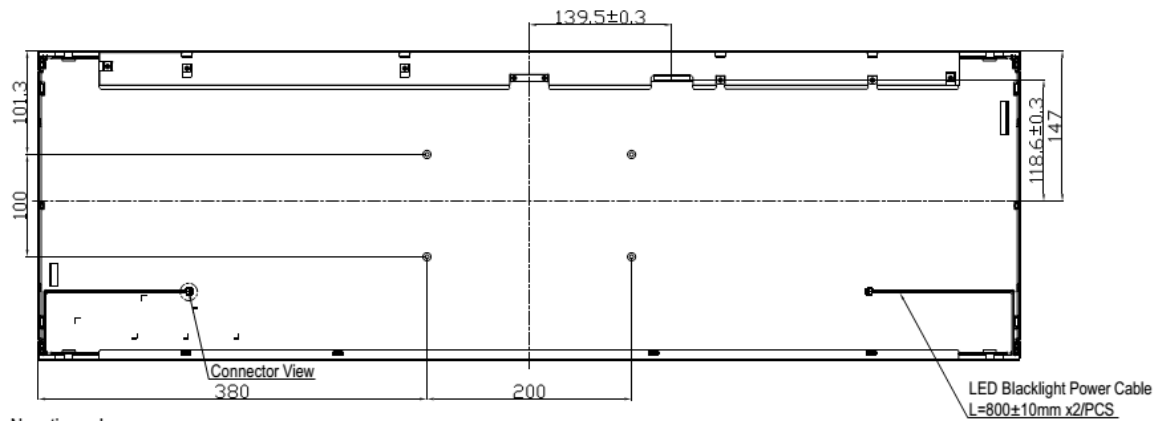
Note :

1. THE DIMENSION EXCLUDES DEFORMATION.
2. MODULE THICKNESS TO BE 16.3 MAX.
3. LED B/L CONNECTOR : HD2505-02 OR COMPATIBLE
4. I/F CONNECTOR TO BE JAE FI-R51S-HF OR COMPATIBLE
5. M4 USER HOLE SCREW TORQUE 5.0 kgf-cm MAX , HOLE Depth 4.7mm Max.





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**Connector View**


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### Ordering Information

| Part Number     | Description                                             |
|-----------------|---------------------------------------------------------|
| SSF3805-INN-A21 | 37.6",1000nits,1920*540,LID38A,2in1,V3                  |
| SSF3805-INN-A22 | 37.6",1000nits,1920*540,LID38B,2in1,V3                  |
| SSH3805-INN-G21 | 37.6",1000nits,1920*540,LID36A,AD2662GD,DC12V,2in1,V3   |
| SSH3805-INN-G22 | 37.6",1000nits,1920*540,LID36A,AD2662GDHM,DC12V,2in1,V3 |
| SSH3805-INN-G26 | 37.6",1000nits,1920*540,LID36B,AD2662GDHM,DC12V,2in1,V3 |

### Optional Accessories

| Part Number  | Description                                                                      |
|--------------|----------------------------------------------------------------------------------|
| 840612051212 | ADAPTER,AC/DC,12V/5A,60W.Pow er-Din-4P,CWT.G99-ABF060F-N022.Efficiency-level-6,R |
| 810618301010 | CABLE.POWER.AC.1830mm USA type                                                   |
| 810618301090 | CABLE,POWER,AC,1830mm Europe type                                                |
| 810618301050 | CABLE.POWER.AC.1830mm UK type                                                    |
| 810618301170 | CABLE.POWER,AC,1830mm Australia type                                             |
| 810618301031 | CABLE.POWER.AC.1830mm Japan type                                                 |
|              |                                                                                  |

### By Customer Request

|       |                                 |
|-------|---------------------------------|
| Glass | Tempered glass, AR coating..... |
|-------|---------------------------------|

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave

Ste 1200

Sheridan

WY 82801

USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park

Stone Business Park

Stone

ST15 0YJ

United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660