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SSF/SSH3705-Y V4
37” TFT LCD, 1000 nits LED Backlight, 1920x540 ultra wide aspect ratio 16:4.5

The SSF/SSH3705-Y is a 37 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
- Ultra Wide Screen 16:4.5
- High Brightness 1000 nits
- Sunlight Readable
- LED Backlight
- Low Power Consumption
- LCD Blackening Defect Free(Hi-Tni 110 ˚C)
- BL MTBF: 50,000 hours

Specifications

Model Name	SSF/SSH3705-Y V4
Description	37” TFT LCD, 1000nits LED Backlight, 1920x540
Screen Size	37”
Display Area (mm)	904.32(H) x 254.34(V)
Brightness	1000 cd/m^2
Resolution	1920x540
Aspect Ratio	16:4.5
Contrast Ratio	6500 : 1
Pixel Pitch (mm)	0.471(H) x 0.471 (V)
Pixel Pre Inch (PPI)	54
Viewing Angle	178°(H),178°(V)
Color Saturation (NTSC)	81%
Display Colors	16.7M
Response Time (Typical)	11ms
Panel Interface	LVDS
Input Interface	DVI-I, HDMI, DP
Input Power	DC24V
Power Consumption	71W(74W with AD Board)
OSD Key	4 Keys (Power Switch, Menu, +, -)
OSD Control	Brightness, Color, Contrast, Auto Turing, H/V Position…etc
Dimensions (mm)	923.3x 277.1x 29.45
Bezel Size(U/B/L/R)	11.38/11.38/9.49/9.49 mm
Weight (Net)	4.7Kg
Operating Temperature	-20 ˚C ~ 60 ˚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.
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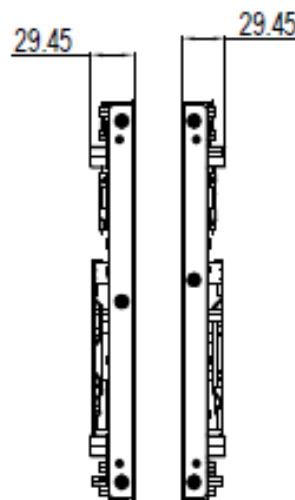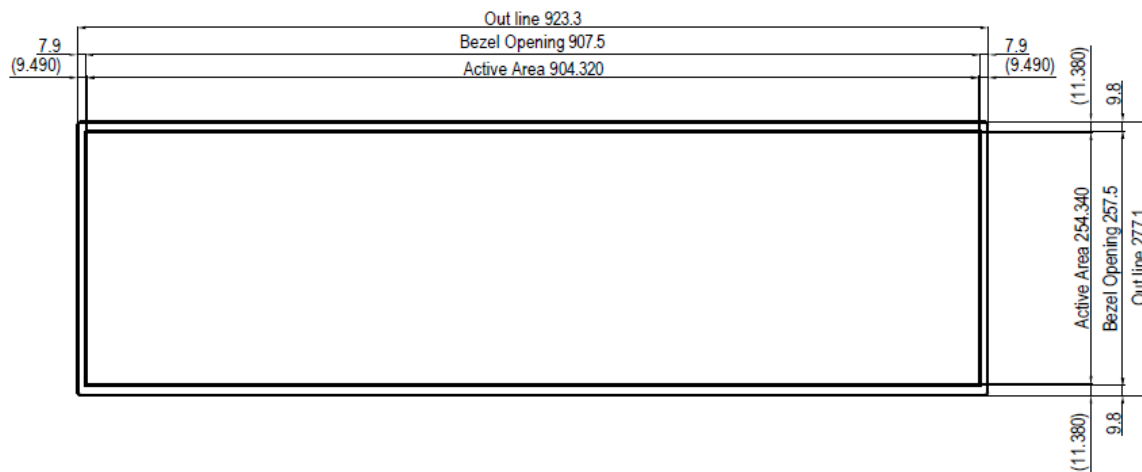
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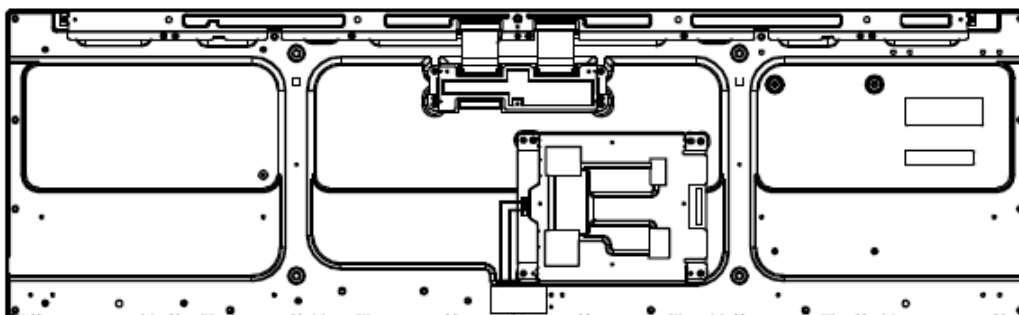
Mechanical Drawing

Outline Dimensions

Unit:mm

Not
1.Tolerance is ±1.0mm unless noted

Out line 923.3
Bezel Opening 907.5
Active Area 904.320
7.9 (9.490)
7.9 (9.490)
(11.380)
9.8
Active Area 254.340
Bezel Opening 257.5
Out line 277.1
(11.380)
9.8

28
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29.45   29.45

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Note:
1. "(   )" marks the reference dimensions

Ordering Information	
Part Number	**Description**
SSF3705-YNN-A31	37",1000nits,1920x540,HTni,Inn,LID on LCM,5in1,V4
SSH3705-YNN-Q31	37",1000nits,1920x540,HTni,Inn,LID on LCM,AD8891DHP,DC24V,5in1,V4
Optional Accessories	
Part Number	**Description**
840613081200	ADAPTER,24V/3.75A,90W,G99-AAL090M-N048,Power Din 4P,P
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
Customer request	
Touch	SCT (Single-Touch), PCT (Multi-Touch)
Glass	Tempered glass, AR coating……..

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2023/7/31

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.

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