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SSF2312-Y V1

23.1" TFT LCD, LED backlight 350 nits, 1920 x158

The SSF2312-Y is a 23.1 inch color TFT-LCD display with brightness 350nits and special resolution 1920 x 158. It is Litemax's Spanpixel series product which designed for high brightness 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: 1.3)
- Brightness 350 nits
- LED Backlight
- Wide viewing angle 178°(H)~178°(V)
- Low Power Consumption



Specifications

Model Name	SSF2312-Y V1
Description	23.1" Resizing LCD, 350nits LED backlight, 1920x158
Screen Size	23.1"
Display Area (mm)	585.6(H) x 48.19(V)
Brightness	350 cd/m ²
Resolution	1920x158
Aspect Ratio	16 : 1.3
Contrast Ratio	3000:1
Pixel Pitch (mm)	0.305(H) x 0.305(V)
Pixel Per Inch (PPI)	83
Viewing Angle	178°(H), 178°(V)
Color Saturation (NTSC)	72%
Display Colors	16.7M
Response Time (Typical)	9.5ms
Video Input Interface	LVDS
Input Power	DC12V
Power Consumption	8.8W
Dimensions (mm)	597.4x 60.4 x 15
Bezel Size(U/B/L/R)	5.2/5.2/4.1/5.7 mm
Weight (Net)	0.44kg
Operating Temperature	0 °C ~ 45 °C
Storage Temperature	-20 °C ~ 60 °C

SSF= Panel + LED Driving Board

Specifications are subject to change without notice.



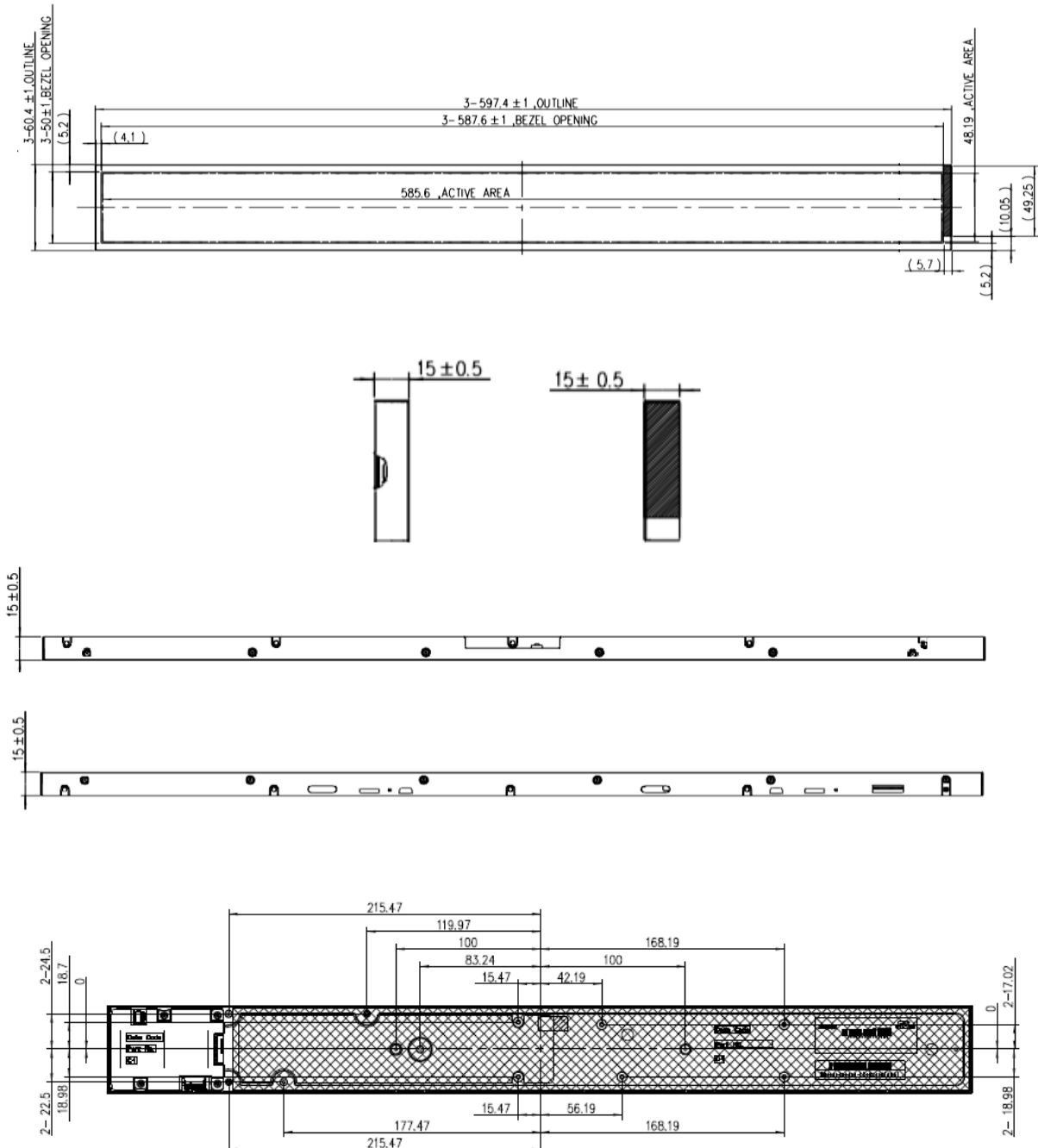
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Mechanical Drawing

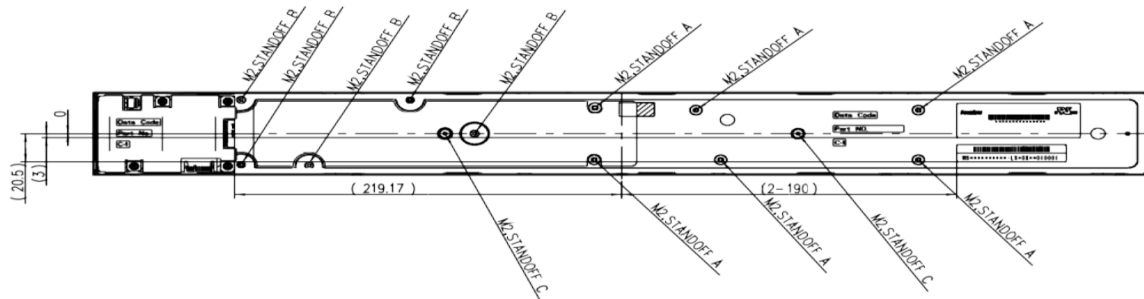
Outline Dimensions

Unit:mm





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NOTES:

1. UNLESS OTHERWISE SPECIFY TOLERANCE IS $\pm 1.0\text{mm}$.
2. SYSTEM INTEGRATION COMPANY MUST KEEP MODULE UP AND DOWN DIRECTION ON THE DRAWING TO DESIGN TV SET.
3. : SUGGEST MOUNTING AREA POSITION, NO MARK AREA CAN'T BE CLIPPED.
4. : COF POSITION (SI MECHANICAL STRUCTURE SHOULD NOT TOUCH THE POSITIONS OF COF)
5. STANDOFF TYPE :
 STANDOFF A: M2, PITCH=0.4/MACHINE, MAX. TORQUE=3 KGF-CM, MAX. DEPTH=1.5mm.
 STANDOFF B: M2, PITCH=0.4/MACHINE, MAX. TORQUE=3 KGF-CM, MAX. DEPTH=2.4mm.
 STANDOFF C: M2, PITCH=0.4/MACHINE, MAX. TORQUE=3 KGF-CM, MAX. DEPTH=4.6mm.
6. THE WIRE AND FFC CABLES OF THE SYSTEM INTEGRATION COMPANY CAN'T OVERLAP THE SCREW HOLES OF THE REAR COVER.
7. THE WIRE AND FFC CABLES OF THE SYSTEM INTEGRATION COMPANY CAN'T BE UNDER THE POWER PCBA.
8. SURFACE TREATMENT
 BEZEL: COLOR: BLACK
 GLOSS: G10

Ordering Information

Part Number	Description
SSF2312-YYN-A01	23.1",350nits,1920x158,LID on LCM,10in1,V1

Optional Accessories

Part Number	Description
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	PCT (Multi-Touch)
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

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

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