CS-112

12.1" TFT-LCD Sunlight Readable Display Module

- 12.1" TFT-LCD with Ultra High Brightness up to 1,500 nits and 1024 x 768 (XGA) Resolution
- Wide Range Operating Temperature -20°C to 70°C
- True Flat IP65 Front Panel Protection
- Rugged Aluminum Die-casting Bezel
- Convertible Display System (CDS) Technology Supported

Overview

CS-112 Series is 12.1" TFT-LCD touch display module. It offers 1,500 nits ultra high brightness and 1024 x 768 (XGA) resolution, allowing viewers to see clear images even under any bright ambient light or direct sunlight environments. CS-112 Series is a rugged and reliable display solution featuring wide range operating temperature -20°C to 70°C, a solid aluminum die-casting front bezel and true flat IP65 front panel protection. Supporting Convertible Display System (CDS) technology, CS-112 Series allows you to configure, upgrade and maintain your display system according to your need.

Specifications

Display
- LCD Size: 12.1" (4:3)
- Max. Resolution: 1024 x 768
- Brightness (cd/m2): 1500
- Contrast Ratio: 700 : 1
- LCD Color: 16.2M
- Pixel Pitch (mm): 0.24 (H) x 0.24 (V)
- Viewing Angle (H-V): 160 / 160
- Backlight MTBF: 30000 hrs (LED Backlight)

Touch
- Projected Capacitive Touch

Physical
- Dimensions (WxDxH): 345 x 265.3 x 57 mm
- Weight: 3.16 kg
- Front Panel Construction: Flat Rugged Aluminum Die-casting Bezel
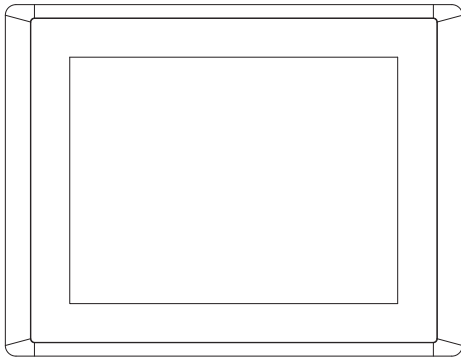
Environment
- Operating Temperature: -20°C to 70°C
  (With extended temperature peripherals; Ambient with air flow According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- Storage Temperature: -20°C to 70°C
- Relative Humidity: 80%RH @ 40°C (non-condensing)
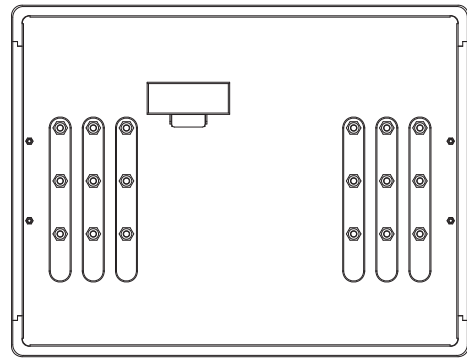- IP Level: IP65 Compliant Front Panel
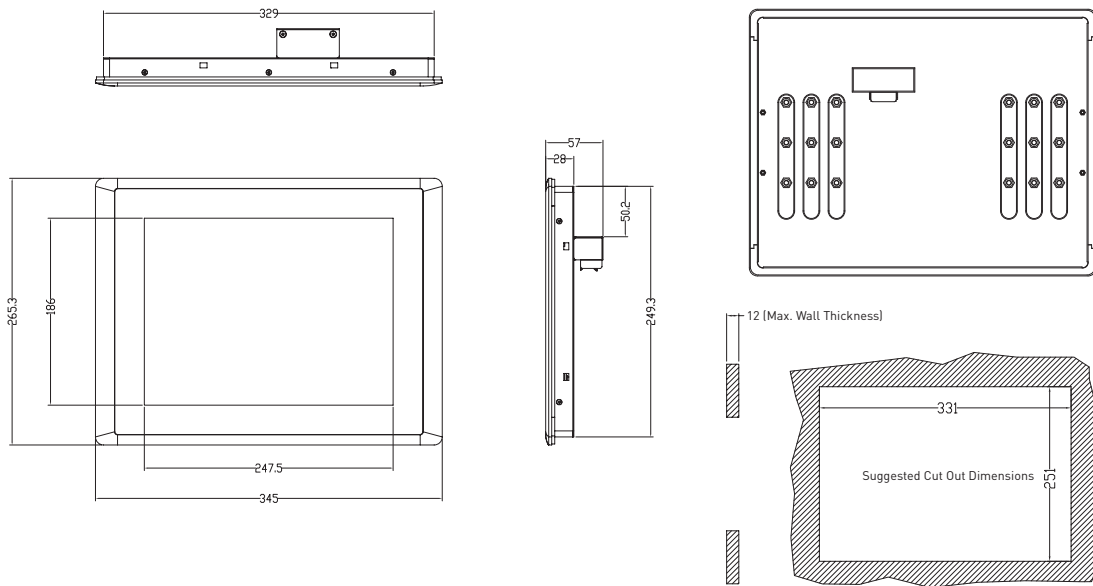
Certification
- CE
- FCC Class A

External Layout

Front

Rear

Dimensions

329

265.3
186

247.5
345

57
28
50.2
249.3

12 (Max. Wall Thickness)

331
Suggested Cut Out Dimensions
251

Unit: mm

Ordering Information

Available Models

Model No.	Description
CS-112HC-R10	12.1" TFT-LCD 1500 nits XGA 4:3 Display Module with Projected Capacitive Touch

Package Checklist

- Display Module x 1
- Panel Mounting Kit x 1