

CS-117/M1101 Series

17" TFT-LCD Sunlight Readable Touch Monitor with
Projected Capacitive Touch, 1x DisplayPort, 1x HDMI, 1x VGA



MEETING ALL YOUR INDUSTRIAL MONITOR NEEDS

| CS-100/M1000 Series Sunlight Readable Monitor |

Overview

The Cincoze CS-100/M1101 series sunlight-readable industrial touch monitors are specifically designed for outdoor applications. The highest brightness is 1,800 nits and there is a selection of screen sizes, ratios, and brightnesses. The CS-100/M1101 is the best choice for outdoor kiosk displays and HMI applications because it is rugged and enables easy on-site maintenance. A variety of input interfaces are supported, including HDMI and DisplayPort digital inputs, and VGA analog input. The monitor has a multi-language OSD and supports multiple installation methods, including panel, VESA, and rack mount, to cater to the varied deployment requirements of different outdoor application scenarios.

- 17" TFT-LCD with Ultra High Brightness up to 1,500 nits and 1280 x 1024 (SXGA) Resolution
- Designed with Aluminum Die-Casting Front Frame
- Various Video Input Interfaces: 1x VGA, 1x HDMI, 1x DisplayPort Input
- Support USB & RS-232 Interfaces for Touch Function
- OSD Control keys for Brightness Adjustment
- Convertible Display System (CDS) Supported
- True Flat IP65 Front Panel Protection
- Support Panel / VESA / Rack Mount



Complete Range of Sizes

The CS-100/M1101 series provides a variety of screen sizes from 8.4 to 24 inches, supports up to Full HD resolution, has a high brightness backlight display of up to 1,800 nits, and has a multi-point projective capacitive touchscreen, which can be selected according to application requirements.



CDS Patented Technology

The patented CDS (Convertible Display System) technology makes field side maintenance and future upgrades simpler and more cost-effective because a single part of the system can be replaced instead of replacing the whole thing.

Patent No. M482908

Multiple Display Inputs

The CS-100/M1101 series has three display inputs, including HDMI and DisplayPort digital inputs, and VGA analog input to cater to the display requirements of the industrial field.



Wide Temp Support, Safe, and Reliable

The CS-100/M1101 series has industrial-grade protections, including wide temperature support (-20°C to 70°C) and a dust- and water-resistant IP65 front panel to face harsh operating environments. In pursuit of ever higher product safety, the CS-100/M1101 series has also undergone rigorous testing to pass UL certification for product safety.

CS-117 Specifications

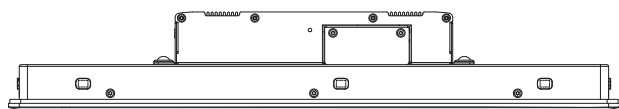
| Model Name | CS-117 |
|-------------------------|--|
| Display | |
| LCD Size | • 17" (5:4) |
| Max. Resolution | • 1280 x 1024 (SXGA) |
| Brightness (cd/m2) | • 1500 |
| Contrast Ratio | • 800 : 1 |
| LCD Color | • 16.7M |
| Pixel Pitch (mm) | • 0.264 (H) x 0.264 (V) |
| Viewing Angle (H-V) | • 160 / 140 |
| Backlight MTBF | • 50,000 hrs (LED Backlight) |
| Touch Screen | |
| Touch Type | • Projected Capacitive |
| Physical | |
| Dimension (W x D x H) | • 450 x 350 x 63.2mm |
| Weight Information | • 5.64 kg |
| Mechanical Construction | • Flat Rugged Aluminum Die-casting Bezel |
| Environment | |
| Front Panel Protection | • IP 65 Compliant |
| Operating Temperature | • -20°C to 80°C (With Industrial Grade Peripherals; Ambient with air flow) |
| Storage Temperature | • -30°C to 80°C |
| Relative Humidity | • 90% RH @ 40°C (Non-condensing) |
| EMC | • CE, UKCA, FCC, ICES-003 Class A |

M1101 Specifications

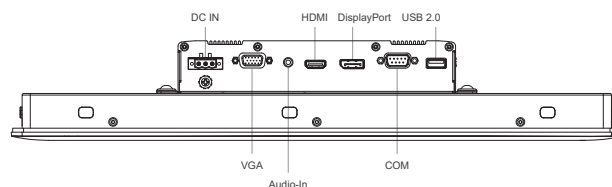
| Model Name | M1101 |
|-------------------------------------|--|
| Graphics | |
| HDMI-in | • 1x HDMI Connector (1920 x 1080 @60Hz) |
| DP-in | • 1x DisplayPort Connector (1920 x 1080 @60Hz) |
| VGA-in | • 1x VGA Connector (1920 x 1080 @60Hz) |
| Audio | |
| Audio input | • 1x Audio Line in, Phone Jack 3.5mm |
| I/O | |
| COM | • 1x RS-232, DB9 |
| USB | • 1x 480Mbps USB 2.0, Type A |
| Other Function | |
| OSD Button | • Menu, Auto, LCD On/Off, Brightness Up, Brightness Down |
| Internal Speaker | • AMP 2W + 2W |
| Status LED Indicator | • Power LED, Standby LED |
| Power | |
| Power Input | • 9 - 48VDC, 3-pin Terminal Block |
| Physical | |
| Dimension (W x D x H) | • 204.5 x 149 x 38.5 mm |
| Weight Information | • 1.2 kg |
| Mechanical Construction | • Extruded Aluminum with Heavy Duty Metal |
| Mounting | • VESA / CDS Mounting |
| Physical Design | • Fanless Design • Jumper-less Design |
| Reliability & Protection | |
| Reverse Power Input Protection | • Yes |
| Over Voltage Protection | • Protection Range: 51~58V • Protection Type: shut down operating voltage, re-power on at the preset level to recover |
| Over Current Protection | • 15A |
| MTBF | • 1,217,359 hrs - Database: Telcordia SR-332 Issue 3, Method 1, Case 3 |
| Environment | |
| Operating Temperature | • -20°C to 70°C * Ambient with air flow * According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14 |
| Storage Temperature | • -20°C to 75°C |
| Relative Humidity | • 95%RH @ 70°C (non-Condensing) |
| Shock | • Operating, 15 Grms (according to IEC60068-2-27) |
| Vibration | • Operating, 1.5 Grms, 5-500 Hz, 3 Axes (according to IEC60068-2-64) • Operating, 1 Grms, 10-500 Hz, 3 Axes (according to IEC60068-2-6) |
| EMC | • CE, UKCA, FCC, ICES-003 Class A • EN61000-6-4, EN61000-6-2 (24VDC Input Only) |
| Safety | • UL, cUL, CB, IEC, EN 62368-1 |

CS-117/M1101 External Layout

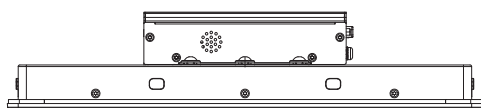
Front I/O



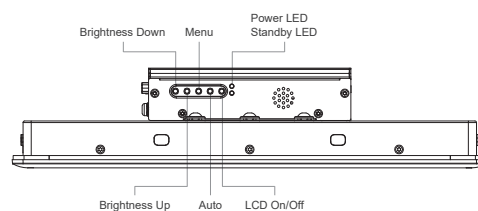
Rear I/O



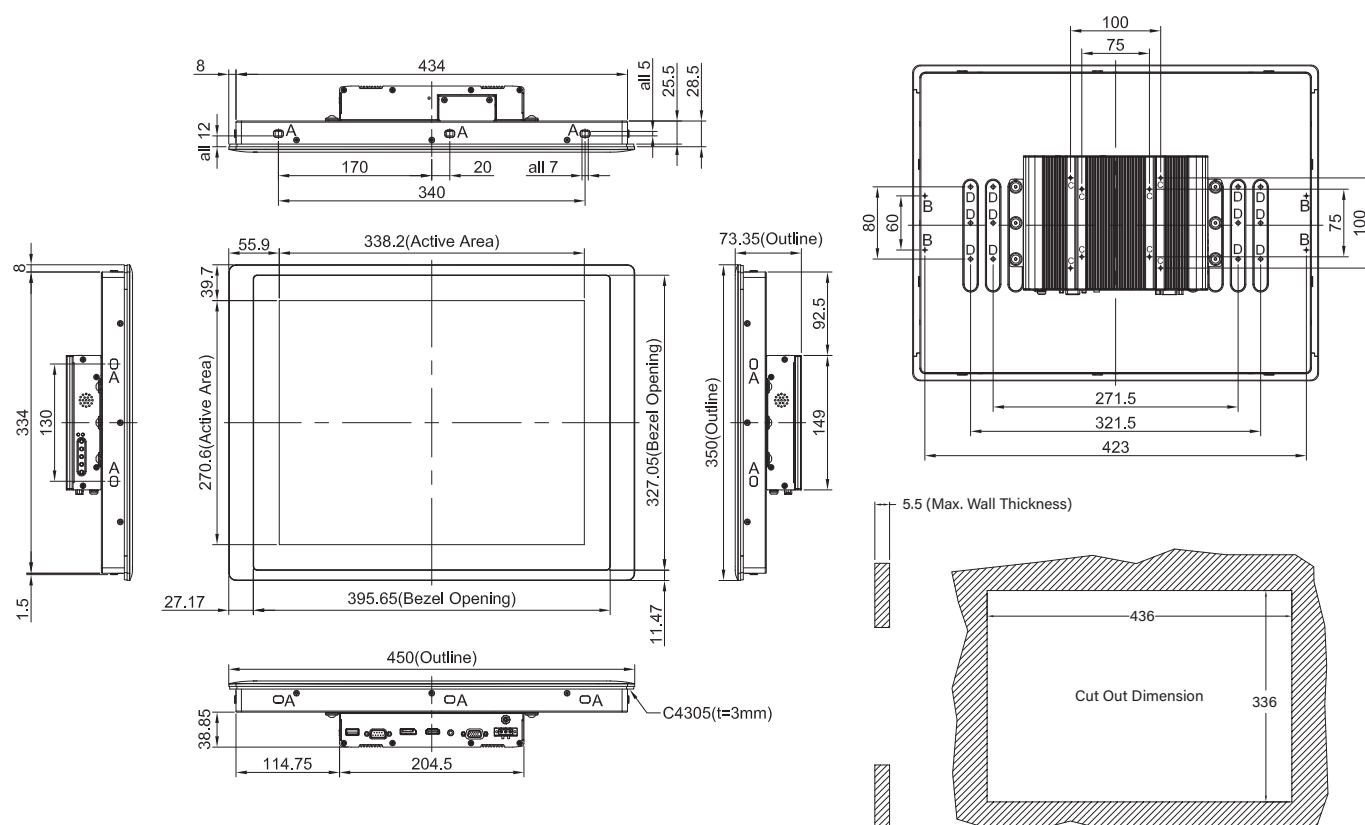
Left I/O



Right I/O



CS-117/M1101 Dimensions



Unit: mm

Ordering Information

Available Models

| Model No. | Description |
|-----------------------|---|
| CS-117C-R11/M1101-R10 | 17" TFT-LCD 1500nits Sunlight Readable Touch Monitor with Projected Capacitive Touch, 1x DisplayPort, 1x HDMI, 1x VGA |

Package Checklist

| | |
|----------------------------------|--------------------------------------|
| ▪ CS-117/M1101 Touch Monitor x 1 | ▪ Panel Mounting Kit x 1 |
| ▪ USB Cable x 1 | ▪ Power Terminal Block Connector x 1 |
| ▪ VGA Cable x 1 | ▪ Screw Pack x 1 |

Optional Accessories

| Model No. | Description |
|---------------|---|
| GST60A12-CIN1 | Adapter AC/DC 12V 5A 60W, GST60A12-CIN1, wide temp(-30°C ~ +70°C) |
| GST120A24-CIN | Adapter AC/DC 24V 5A 120W with 3pin Terminal Block Plug and Tubes, Level VI |
| URM01 | Universal 19" Rack Mount Kit for Industrial Panel PC & Industrial Monitor |