

Industrial Displays

# PIM-101-C



PN: CS-D101

Revision 1.1

[www.chipsee.com](http://www.chipsee.com)

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# PIM-101-C

## Front View



## Rear View



## Side View



## Product Overview

PIM-101-C (PN: CS-D101) is a 10.1" industrial display that features a 10-point capacitive touch screen with a resolution of 1280 x 800 (4:3) pixels and brightness of 350 cd/m<sup>2</sup>. The 3mm tempered glass cover with black silk-screen ensures the screen is water and steam resistant.

The typical power consumption is ≤ 14W, while in standby mode, PIM-101-C uses around ≤ 2W, making it ideal for all kinds of applications.

## Ordering Options

Most of the Chipsee products can be customized during the ordering process. The product will be shipped with the pre-installed factory defaults if no extra requirements are specified. The table in the [Specification](#) section provides information about the product.

### Note

You can order [PIM-101-C](#) from the official [Chipsee Store](#) or from your nearest distributor.

## Specification

| PIM-101-C          |                                   |                              |  |
|--------------------|-----------------------------------|------------------------------|--|
| Backlight          | Led                               | Type of Pen                  | Fingers, Hands with Gloves, Conductive Stylus                  |
| Brightness         | 350 cd/m <sup>2</sup>             | Waterproof                   | Touch surfaces will not be affected by water droplets or steam |
| Contrast Ratio     | 600:1                             | Calibration                  | No Calibration Tool  |
| Viewing Angle      | Horizontal: 170° / Vertical: 170° | Response Time                | 7ms to 12ms  |
| Response Time      | 35ms (GTG)                        | Connect                      | 1 x USB 2.0 (Type-B)   |
| Display Color      | 16.2M Colors                      | Multi Touch Protocol Support | Windows  |
| Display Resolution | 1280 x 800 (4:3)                  | Operating System             | Windows 7/8, Android, Linux                                    |
| Refresh Frequency  | 60Hz                              | Dimensions                   | 253.20 x 171.8 x 35mm  |
| Input Resolution   | 1280 x 800 (4:3) @ 60Hz           | Packaging Size               | 332 x 225 x 60mm   |

| PIM-101-C               |  |                                 |   |
|-------------------------|--|---------------------------------|---|
| <b>Connector</b>        | VGA / DVI / HDMI   | <b>Weight</b>                   | 1.1kg                                   |
| <b>Built-in Speaker</b> | N/A  | <b>Mounting Methods</b>         | VESA, Panel                             |
| <b>OSD Control</b>      | Button   | <b>Power Input</b>              | 12V 3A DC(default), 9V-30V DC(optional) |
| <b>OSD Language</b>     | English, Chinese   | <b>Power Supply</b>             | ≤ 14W                                   |
| <b>Glass</b>            | 3mm Tempered Glass with Black Silk-screen                  | <b>Standby Power</b>            | ≤ 2W                                    |
| <b>Touch Point</b>      | 10   | <b>Work Environment (temp.)</b> | From 0°C to +40°C, 90% RH               |
| <b>Touch Technology</b> | Projecting Capacitance (G+G)                               | <b>Storage Environment</b>      | From -20°C to +60°C, 90% RH             |
| <b>Accessories</b>      | Bracket / Power Line / VGA Line / USB Line / Power Adapter |                                 |   |

Table 359 Key Features

## Mounting Procedure

The PIM-101-C Industrial PC supports VESA 100 x 100 mounting pattern with 4 x M4 screws, enabling simplified installation onto any standard VESA mounting rack. Other mounting options might also be supported according to the table in the [Specification](#) section.

You can find detailed information about mounting in the [Mount IPC Guide](#).

## Mechanical Specifications

The outer mechanical dimensions of The PIM-101-C Industrial PC are 253.20 x 171.8 x 35mm (W x L x H). Please refer to the technical drawing in the figure below for details related to the specific product measurements.



Figure 1051: Technical Drawing



## Disclaimer

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