



Industrial Displays

# PIM-190-P



PN: CS-D190P

Revision 1.0

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

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# PIM-190-P

## Front View



## Rear View



## Side View



## Product Overview

PIM-190-P (PN: CS-D190P) is a 19.0" industrial display that features a 10-point capacitive touch screen with a resolution of 1280 x 1024 (5:4) pixels and brightness of 250 cd/m<sup>2</sup>. The 2mm tempered glass with black silk-screen ensures the screen is water and steam resistant.

The typical power consumption is  $\leq 24W$ , while in standby mode, PIM-190-P uses around  $\leq 2W$ , 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-190-P](#) from the official [Chipsee Store](#) or from your nearest distributor.

# Specification

| PIM-190-P                 |                                                                 |                                     |                                                                |
|---------------------------|-----------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------|
| <b>Backlight</b>          | Led                                                             | <b>Type of Pen</b>                  | Fingers, Hands with Gloves, Conductive Stylus                  |
| <b>Brightness</b>         | 250 cd/m <sup>2</sup>                                           | <b>Waterproof</b>                   | Touch surfaces will not be affected by water droplets or steam |
| <b>Contrast Ratio</b>     | 1000:1                                                          | <b>Calibration</b>                  | No Calibration Tool                                            |
| <b>Viewing Angle</b>      | Horizontal: 150°(min)~170°(typ) / Vertical: 140°(min)~160°(typ) | <b>Connect</b>                      | 1 x USB 2.0 (Type-B)                                           |
| <b>Response Time</b>      | 5ms                                                             | <b>Multi Touch Protocol Support</b> | Based on the operating system of the host PC                   |
| <b>Display Color</b>      | 16.7M Colors                                                    | <b>Operating System</b>             | N/A                                                            |
| <b>Display Resolution</b> | 1280 x 1024 (5:4)                                               | <b>Dimensions</b>                   | 435 x 363 x 53.5mm                                             |
| <b>Refresh Frequency</b>  | 60Hz                                                            | <b>Packaging Size</b>               | N/A                                                            |
| <b>Input Resolution</b>   | 1280 x 1024 (5:4) @ 60Hz                                        | <b>Weight</b>                       | 5.4kg                                                          |
| <b>Connector</b>          | VGA / HDMI                                                      | <b>Mounting Methods</b>             | VESA and PANEL                                                 |
| <b>Built-in Speaker</b>   | N/A                                                             | <b>Power Input</b>                  | 12V 3A DC(default), 9-30V (optional)                           |
| <b>OSD Control</b>        | Button                                                          | <b>Power Supply</b>                 | ≤ 24W                                                          |
| <b>OSD Language</b>       | Multilingual Support                                            | <b>Standby Power</b>                | ≤ 2W                                                           |
| <b>Glass</b>              | 2mm Tempered Glass with Black Silk-screen                       | <b>Work Environment (temp.)</b>     | From 0°C to +50°C, 90% RH (No condensation)                    |
| <b>Touch Point</b>        | 10                                                              | <b>Storage Environment</b>          | From -20°C to +60°C, 90% RH (No condensation)                  |
| <b>Touch Technology</b>   | Projecting Capacitance (G+G)                                    | <b>Accessories</b>                  | Mounting Clip / HDMI Cable / USB Cable / Power Adapter         |

Table 504 Key Features

## Mounting Procedure

The PIM-190-P industrial display supports VESA 100 x 100 mounting pattern with 4 x M4 screws, enabling simplified installation onto any standard VESA mounting rack ([guide](#)).

You can also mount PIM-190-P with panel mounting method ([guide](#)).

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

## Mechanical Specifications

The outer mechanical dimensions of The PIM-190-P industrial display are 435 x 363 x 53.5mm (W x L x H). Please refer to the technical drawing in the figure below for details related to the specific product measurements.



## Disclaimer

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## Technical Support

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