



Industrial Displays

# PIM-190-C



PN: CS-D190

Revision 1.1

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

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# PIM-190-C

## Front View



## Rear View



## Side View



## Product Overview

PIM-190-C (PN: CS-D190) is a 19" industrial display that features a 10-point capacitive touch screen with a resolution of 1440×900 (4:3) pixels and brightness of 250 cd/m<sup>2</sup>. The 3mm tempered glass with black silk-screen ensures the screen is water and steam resistant.

The typical power consumption is  $\leq 16\text{W}$ , while in standby mode, PIM-190-C uses around  $\leq 2\text{W}$ , 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-C](#) from the official [Chipsee Store](#) or from your nearest distributor.

# Specification

PIM-190-C			
<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: 170° / Vertical: 160°	<b>Response Time</b>	7ms to 12ms
<b>Response Time</b>	5ms (GTG)	<b>Connect</b>	1 x USB 2.0 (Type-B)
<b>Display Color</b>	16.7M Colors	<b>Multi Touch Protocol Support</b>	Windows
<b>Display Resolution</b>	1440×900 (4:3)	<b>Operating System</b>	Windows 7/8, Android, Linux
<b>Refresh Frequency</b>	60Hz	<b>Dimensions</b>	431 x 355.8 x 42.5mm
<b>Input Resolution</b>	1440×900 (4:3) @ 60Hz	<b>Packaging Size</b>	680 x 450 x 150mm
<b>Connector</b>	VGA / DVI / HDMI	<b>Weight</b>	4500g / 6500g
<b>Built-in Speaker</b>	N/A	<b>Mounting Methods</b>	VESA, MIS-D, 100, C
<b>OSD Control</b>	Button	<b>Power Input</b>	12V 3A DC
<b>OSD Language</b>	English, Chinese	<b>Power Supply</b>	≤ 16W
<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 501 Key Features

## Mounting Procedure

The PIM-190-C industrial display 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-190-C industrial display are 431 x 355.8 x 42.5mm (W x L x H). Please refer to the technical drawing in the figure below for details related to the specific product measurements.







Figure 1073: Technical Drawing

## Disclaimer

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