



Industrial Displays

PIM-190-C



PN: CS-D190

Revision 1.1

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/m². 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 | | | |
|---------------------------|--|-------------------------------------|--|
| Backlight | Led | Type of Pen | Fingers, Hands with Gloves, Conductive Stylus |
| Brightness | 250 cd/m ² | Waterproof | Touch surfaces will not be affected by water droplets or steam |
| Contrast Ratio | 1000:1 | Calibration | No Calibration Tool |
| Viewing Angle | Horizontal: 170° / Vertical: 160° | Response Time | 7ms to 12ms |
| Response Time | 5ms (GTG) | Connect | 1 x USB 2.0 (Type-B) |
| Display Color | 16.7M Colors | Multi Touch Protocol Support | Windows |
| Display Resolution | 1440×900 (4:3) | Operating System | Windows 7/8, Android, Linux |
| Refresh Frequency | 60Hz | Dimensions | 431 x 355.8 x 42.5mm |
| Input Resolution | 1440×900 (4:3) @ 60Hz | Packaging Size | 680 x 450 x 150mm |
| Connector | VGA / DVI / HDMI | Weight | 4500g / 6500g |
| Built-in Speaker | N/A | Mounting Methods | VESA, MIS-D, 100, C |
| OSD Control | Button | Power Input | 12V 3A DC |
| OSD Language | English, Chinese | Power Supply | ≤ 16W |
| Glass | 3mm Tempered Glass with Black Silk-screen | Standby Power | ≤ 2W |
| Touch Point | 10 | Work Environment (temp.) | From 0°C to +40°C, 90% RH |
| Touch Technology | Projecting Capacitance (G+G) | Storage Environment | From -20°C to +60°C, 90% RH |
| Accessories | Bracket / Power Line / VGA Line / USB Line / Power Adapter | | |

Table 503 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 1023: Technical Drawing

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