



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 513 Key Features

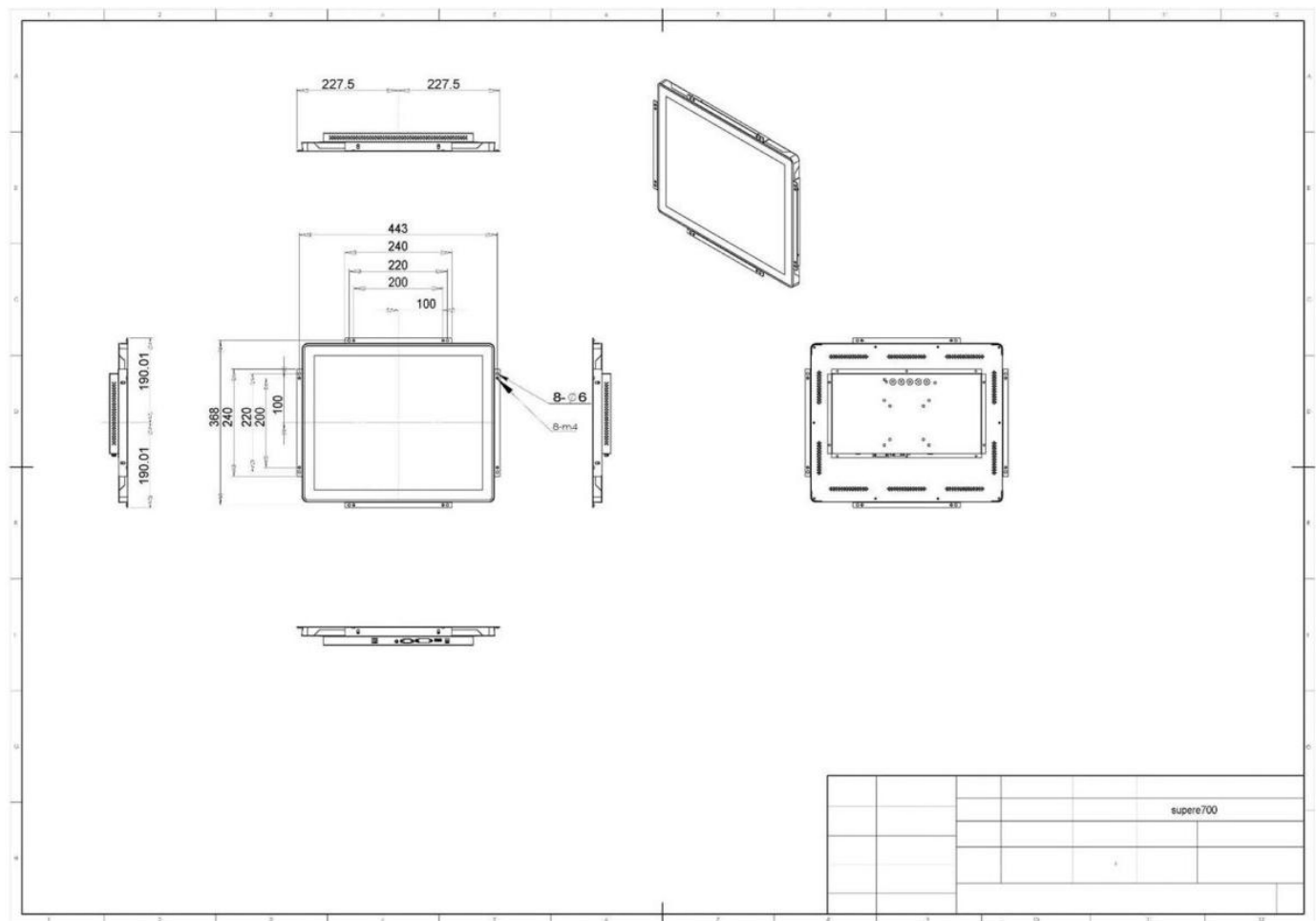
Mounting Procedure

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.



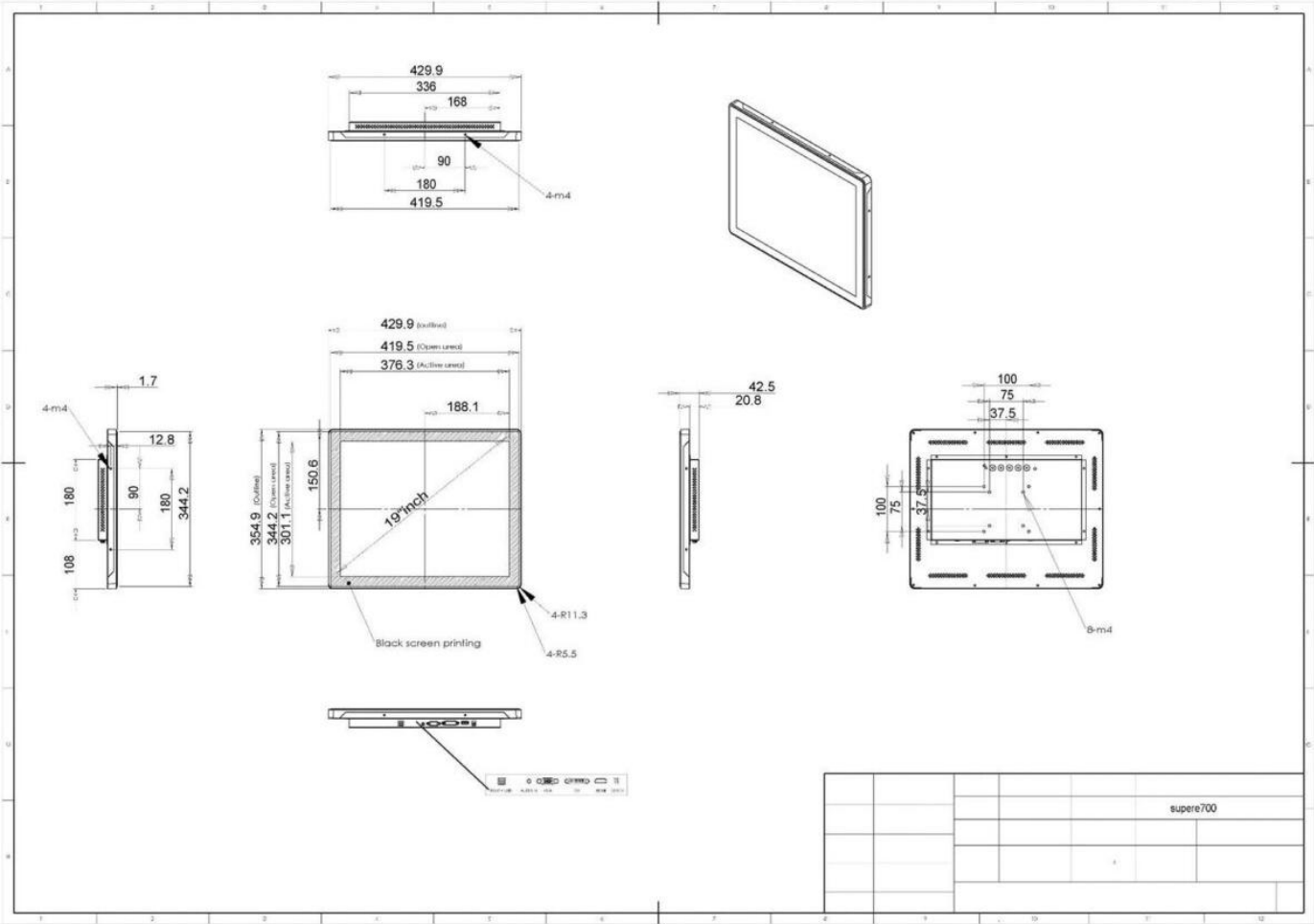


Figure 1027: Technical Drawing

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