

PIM-185-C

PN: CS-D185

Industrial Monitors

Revision 1.1

2021, Chipsee

Content can change at anytime; it's best to refer to [website](#) for latest information.

Disclaimer: Chipsee assumes no responsibility for any errors that may occur in this manual. Furthermore, Chipsee reserves the right to alter hardware, software, and/or specifications set forth herein at any time without prior notice, and undertakes no obligation to update the information contained in this document. Chipsee products are not authorized for use as critical components in life support devices or systems.



Contents

1. PIM-185-C	3
1.1. Product Overview	4
1.2. Ordering Options	4
1.3. Specification	5
1.4. Mounting Procedure	6
1.5. Mechanical Specifications	7
1.6. Technical Support	9

PIM-185-C



Front View



Back View

**Bottom View**

Product Overview

PIM-185-C (PN: CS-D185) is a 18.5" industrial display that features a 10-point capacitive touch screen with a resolution of 1366 x 768 (16:9) pixels and brightness of 250 cd/m². The 3mm tempered glass cover with black silk-screen ensures the screen is water and steam resistant.

The typical power consumption is $\leq 19\text{W}$, while in standby mode, PIM-185-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-185-C](#) from the official [Chipsee Store](#) or from your nearest distributor.

Specification

PIM-185-C	
Backlight	Led
Brightness	250 cd/m ²
Contrast Ratio	1000:1
Viewing Angle	Horizontal: 170° / Vertical: 160°
Response Time	5ms (GTG)
Display Color	16.7M Colors
Display Resolution	1366 x 768 (16:9)
Refresh Frequency	60Hz
Input Resolution	1366 x 768 (16:9) @ 60Hz
Connector	VGA / DVI / HDMI
Built-in Speaker	N/A
<u>OSD Features</u>	
OSD Control	Button
OSD Language	English, Chinese
<u>Touch Features</u>	
Glass	3mm Tempered Glass with Black Silk-screen
Touch Point	10
Touch Technology	Projecting Capacitance (G+G)
Type of Pen	Fingers, Hands with Gloves, Conductive Stylus
Waterproof	Touch surfaces will not be affected by water droplets or steam
Calibration	No Calibration Tool
Response Time	7ms to 12ms

PIM-185-C	
Connect	1 x USB 2.0 (Type-B)
Multi Touch Protocol Support	Windows
Operating System	Windows 7/8, Android, Linux
<u>Mechanical Features</u>	
Dimensions	464.9 x 285.5 x 42.5mm
Packaging Size	680 x 450 x 150mm
Weight	4500g / 6500g
Mounting Methods	VESA, MIS-D, 100, C
<u>Electrical Features</u>	
Power Input	9V - 30V
Power Supply	≤ 19W
Standby Power	≤ 2W
<u>Environmental Features</u>	
Work Environment (temp.)	From 0°C to +40°C, 90% RH
Storage Environment (temp.)	From -20°C to +60°C, 90% RH
<u>Other Features</u>	
Accessories	Bracket /Power Line /VGA Line/USB Line/Power Adapter

Table 243 Key Features

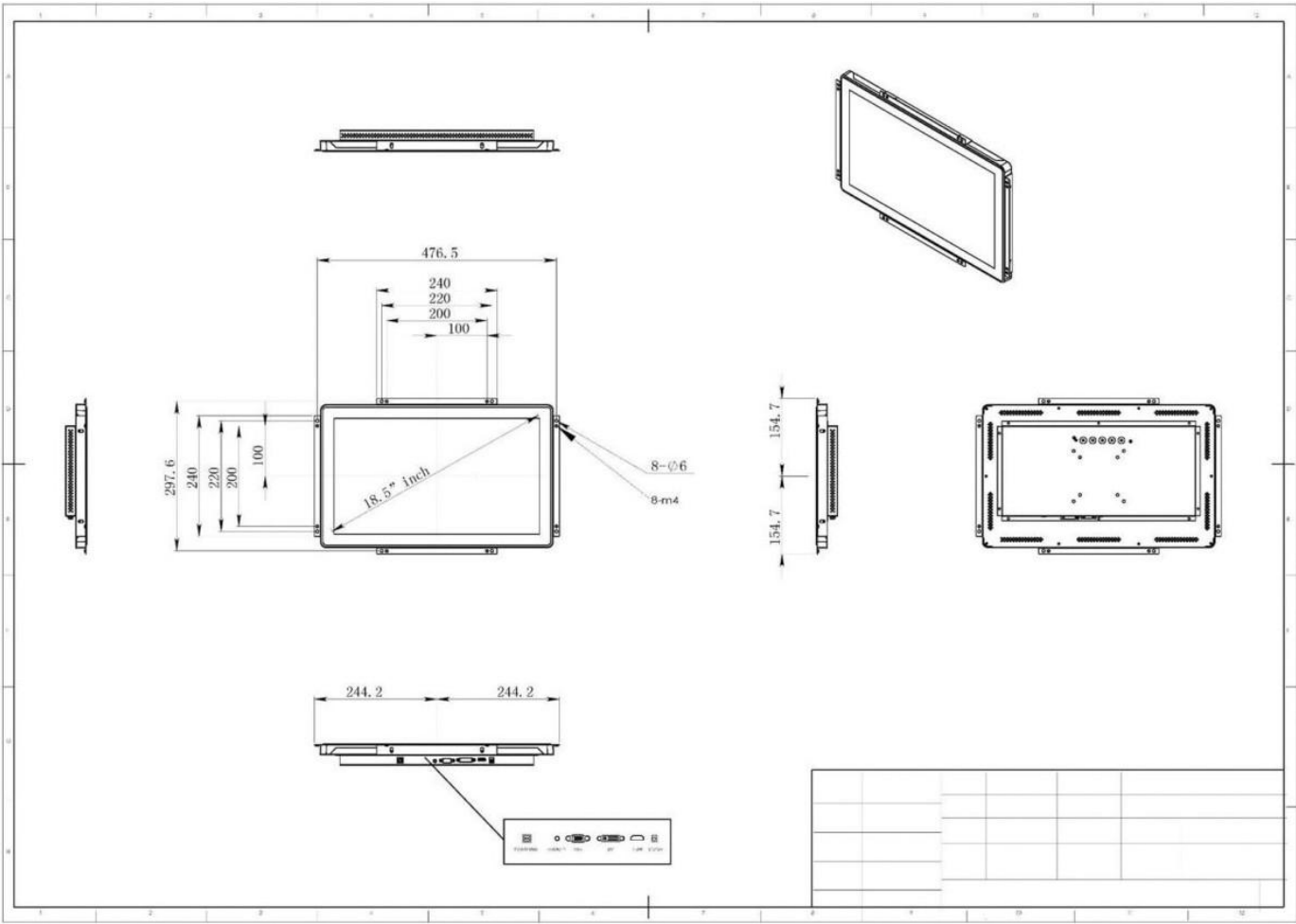
Mounting Procedure

The PIM-185-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-185-C Industrial PC are 464.9 x 285.5 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.



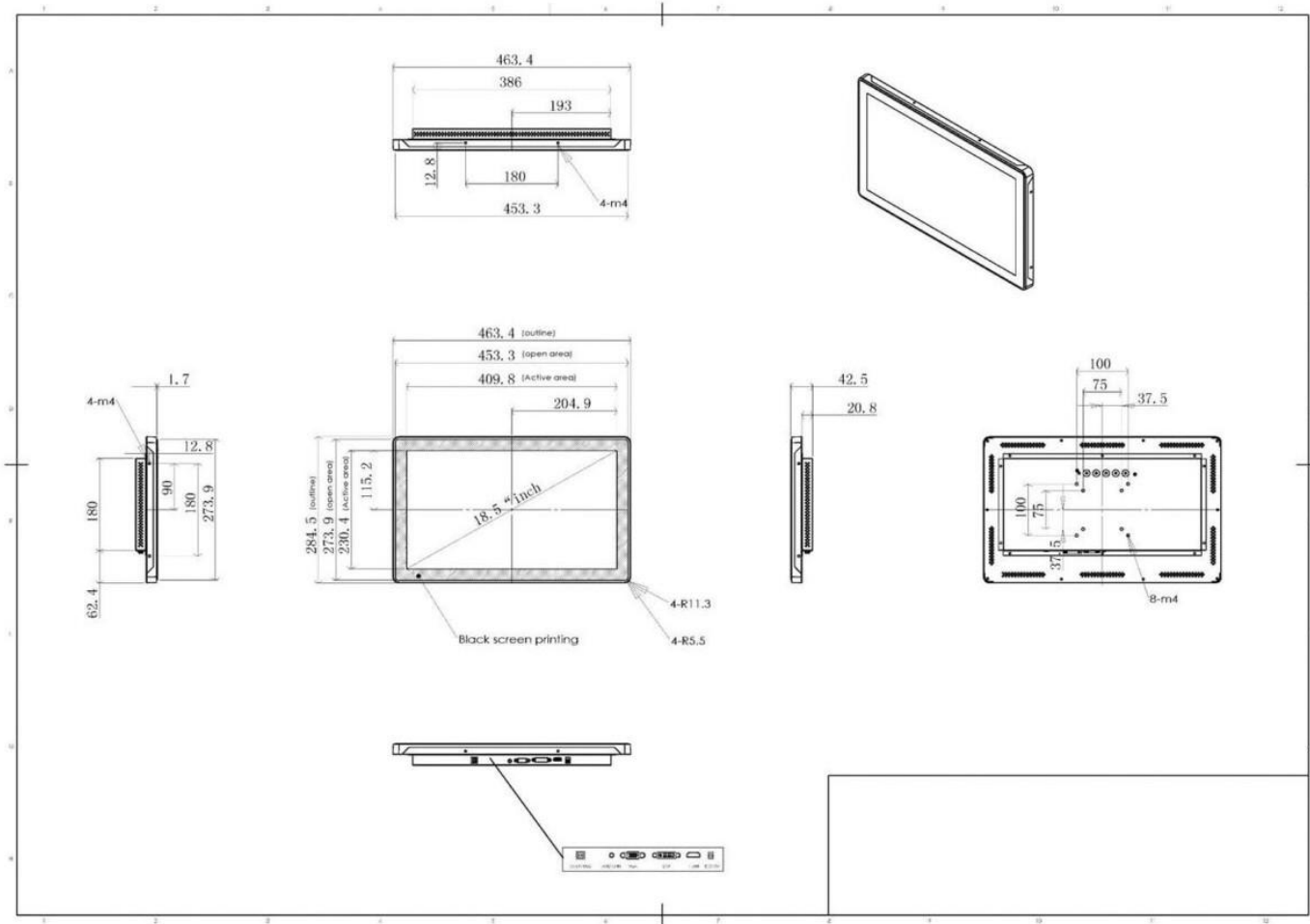


Figure 1069: Technical Drawing

Technical Support

Please feel free to contact us with any questions, queries or suggestions.

If your question is related to technical support or troubleshooting for one of our products, we kindly ask you to check our documentation for a possible solution first.

If you still cannot find the solution you are looking for, please write to Chipsee Technical Support at service@chipsee.com, providing all relevant information.

The logo for Chipsee, featuring the word "Chipsee" in a bold, blue, italicized sans-serif font, followed by a registered trademark symbol (®).

© Chipsee all right reserved.