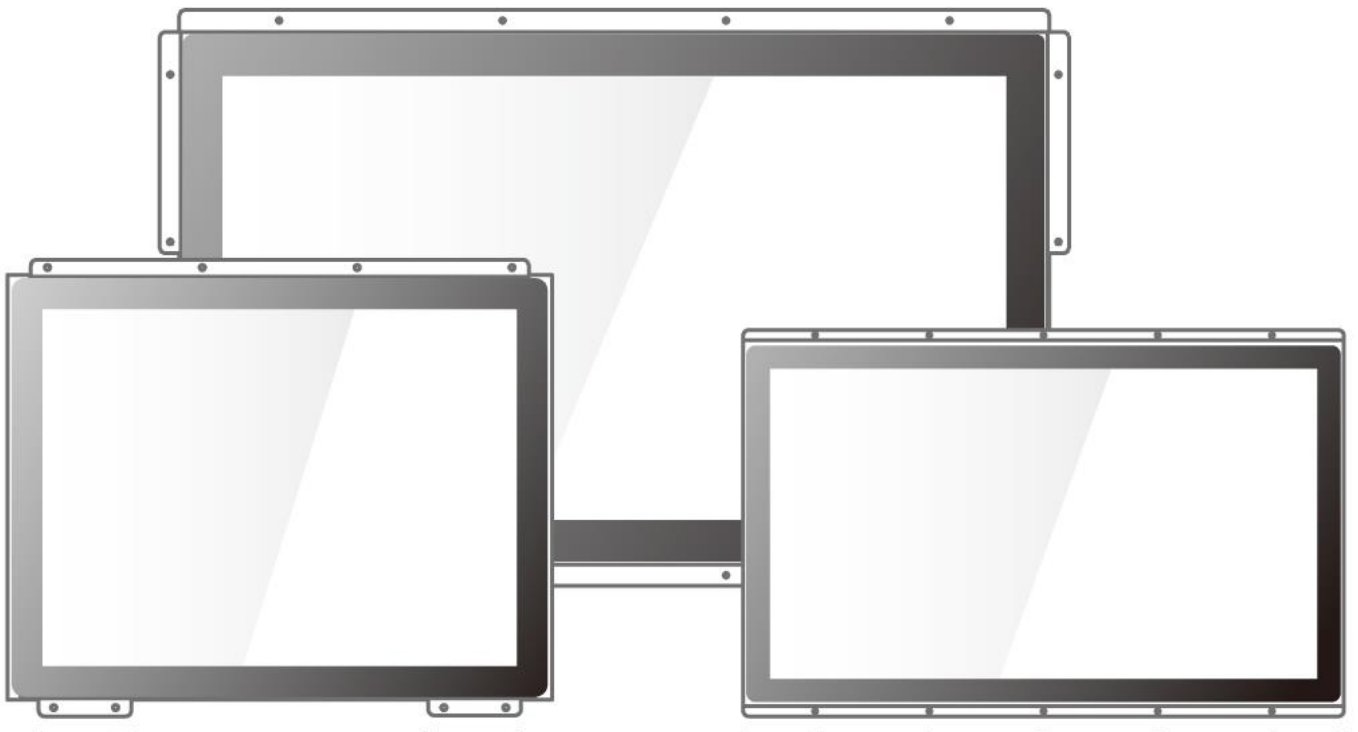


Multi-Touch Open Frame Display

7"~32"



Quick Start Guide

Contents

PREFACE.....

3

ABOUT THIS QUICK START GUIDE

6

CHAPTER 1: INTRODUCTION

7

1.1 OVERVIEW

7

1.2 PRODUCT FEATURES

7

1.3 PACKAGE CONTENTS

7

1.4 DESCRIPTION OF PARTS

8

1.5 OSD CONTROL PANEL.....

9

1.5.1 Control Buttons.....

9

1.5.2 LED Indicators

10

CHAPTER 2: INSTALLATION

10

2.1 WIRING REQUIREMENTS.....

10

2.2 MOUNTING GUIDE

10

2.2.1 Panel Mount.....

11

2.2.2 VESA Mount

12

2.3 CABLE MOUNTING CONSIDERATIONS

13

2.4 CONNECTING POWER.....

13

CHAPTER 3: OPERATING THE DEVICE.....

14

3.1 TURNING ON THE SYSTEM

14

Preface

Copyright Notice

No part of this document may be reproduced, copied, translated, or transmitted in any form or by any means, electronic or mechanical, for any purpose, without the prior written permission of the original manufacturer.

Trademark Acknowledgement

Brand and product names are trademarks or registered trademarks of their respective owners.

Disclaimer

We reserve the right to make changes, without notice, to any product, including circuits and/or software described or contained in this manual in order to improve design and/or performance. We assume no responsibility or liability for the use of the described product(s) conveys no license or title under any patent, copyright, or masks work rights to these products, and make no representations or warranties that these products are free from patent, copyright, or mask work right infringement, unless otherwise specified. Applications that are described in this manual are for illustration purposes only. We make no representation or guarantee that such application will be suitable for the specified use without further testing or modification.

Warranty

Our warranty guarantees that each of its products will be free from material and workmanship defects for a period of one year from the invoice date. If the customer discovers a defect, we will, at his/her option, repair or replace the defective product at no charge to the customer, provide it is returned during the warranty period of one year, with transportation charges prepaid. The returned product must be properly packaged in its original packaging to obtain warranty service. If the serial number and the product shipping data differ by over 30 days, the in-warranty service will be made according to the shipping date. In the serial numbers the third and fourth two digits give the year of manufacture, and the fifth digit means the month (e. g., with A for October, B for November and C for December).

For example, the serial number 1W16Axxxxxxx means October of year 2016.

Customer Service

We provide a service guide for any problem by the following steps: First, visit the website of our distributor to find the update information about the product. Second, contact with your distributor, sales representative, or our customer service center for technical support if you need additional assistance.

You may need the following information ready before you call:

- Product serial number
- Software (OS, version, application software, etc.)
- Description of complete problem
- The exact wording of any error messages

In addition, free technical support is available from our engineers every business day. We are always ready to give advice on application requirements or specific information on the installation and operation of any of our products.

Advisory Conventions

Four types of advisories are used throughout the Quick Start Guide to provide helpful information or to alert you to the potential for hardware damage or personal injury. These are Notes, Important, Cautions, and Warnings. The following is an example of each type of advisory.



Note:

A note is used to emphasize helpful information



Important:

An important note indicates information that is important for you to know.



Caution A Caution alert indicates potential damage to hardware and explains how to avoid the potential problem.

Attention Unealerted' attention indique un dommage possible à l'équipement et explique comment éviter le problem potentiel.



Warning! An Electrical Shock Warning indicates the potential harm from electrical hazards and how to avoid the potential problem.

Avertissement! Un Avertissement de Choc Électriqueindique le potentiel de chocsur des emplacements électriques et comment éviterces problèmes.



Earth Ground The Protective Conductor Terminal (Earth Ground) symbol indicates the potential risk of serious electrical shock due to improper grounding.

Mise à la Terre Le symbole de Miseà Terre indique le risqué potential de choc électrique grave à la terre incorrecte.

Safety Information

Warning!/ Avertissement!



Always completely disconnect the power cord from your chassis whenever you work with the hardware. Do not make connections while the power is on. Sensitive electronic components can be damaged by sudden power surges. Only experienced electronics personnel should open the PC chassis.

Toujours débrancher le cordon d'alimentation du chassis lorsque vous travaillez sur celui-ci. Ne pas brancher de connections lorsque l'alimentation est présente. Des composantes électroniques sensibles peuvent être endommagées par des sauts d'alimentation. Seulement du personnel expérimenté devrait ouvrir ces chassis.

Caution/ Attention



Always ground yourself to remove any static charge before touching the CPU card. Modern electronic devices are very sensitive to static electric charges. As a safety precaution, use a grounding wrist strap at all times. Place all electronic components in a static-dissipative surface or static-shielded bag when they are not in the chassis.

Toujours verifier votre mise à la terre afin d'éliminer toute charge statique avant de toucher la carte CPU. Les équipements électroniques modernes sont très sensibles aux décharges d'électricité statique. Toujours utiliser un bracelet de mise à la terre comme précaution. Placer toutes les composantes électroniques sur une surface conçue pour dissiper les charge, ou dans un sac anti-statique lorsqu'elles ne sont pas dans le chassis.

Safety Precautions

For your safety carefully read all the safety instructions before using the device. Keep this Quick Start Guide for future reference.

- Always disconnect this equipment from any AC outlet before cleaning. Do not use liquid or spray detergents for cleaning. Use a damp cloth.
- For pluggable equipment, the power outlet must be installed near the equipment and must be easily accessible.
- Keep this equipment away from humidity.
- Put this equipment on a reliable surface during installation. Dropping it or letting it fall could cause damage.
- The openings on the enclosure are for air convection and to protect the equipment from overheating.



Caution/ Attention

Do not cover the openings!

- Before connecting the equipment to the power outlet make sure the voltage of the power source is correct.
- Position the power cord so that people cannot step on it. Do not place anything over the power cord.
- If the equipment is not used for a long time, disconnect it from the power source to avoid damage by transient over-voltage.
- Never pour any liquid into an opening. This could cause fire or electrical shock.
- Never open the equipment. For safety reasons, only qualified service personnel should open the equipment.
- All cautions and warnings on the equipment should be noted.



Caution/ Attention

Always ground yourself to remove any static charge before touching the board. Modern electronic devices are very sensitive to static electric charges. As a safety precaution, use a grounding wrist strap at all times. Place all electronic components in a static-dissipative surface or static-shielded bag when they are not in the chassis.

About This Quick Start Guide

This Quick Start Guide provides information about using the Winmate® Multitouch Open Frame Display. The documentation set provides information for specific user needs, and includes:

- **Multitouch Open Frame Display Quick Start Guide** – contains detailed description on how to use the display, its components and features.

**Note:**

Some pictures in this guide are samples and can differ from actual product.

Document Revision History

Version	Date	Note
1.0	6-June-2025	New document release.

Chapter 1: Introduction

1.1 Overview

Congratulations on purchasing Winmate® Multitouch Open Frame Display. Display features highly accurate, crystal clear resolution projected capacitive multitouch screen. Versatile display designed for rear and VESA mounting with integrated bracket design for KIOSK applications.

1.2 Product Features

Winnmate® Open Frame Display features:

- 7-32" TFT LCD
- Standard 1 x VGA (D-sub 15), 1 x HDMI (Type-A)
- Open frame housing
- Sleek and flush mounts
- Suitable for industrial applications

1.3 Package Contents

Carefully remove the box and unpack your display. Please check if all the items listed below are inside your package. If any of these items are missing or damaged contact us immediately.

Standard factory shipment list:



- **Display**

Varies by product



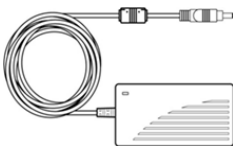
- **Quick Start Guide (Hardcopy)**

P/N: 915211101172



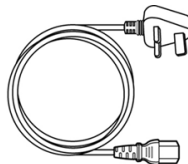
- **Black screw bolts****

Varies by product



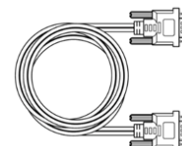
- **110~240V AC Power Adapter**

Varies by product



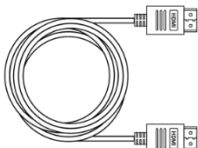
- **Power Cord**

Varies by country



- **VGA Cable (D-SUB 15pin Male to 15pin Male)**

P/N: 9441151150Q8



- **HDMI Cable (HDMI 19pin Male to 19pin Male)**

P/N: 9491191190Q1



- **Remote Control (Optional)**

P/N: 9B0000000418

**Notice: Screw bolts provided by Winmate only to be used to screw the display onto a console from the rear side. If you prefer your own bolts, please make sure to use M4 and 30mm in length.*

1.4 Description of Parts

This section describes physical appearance of the Multitouch Open Frame Display.

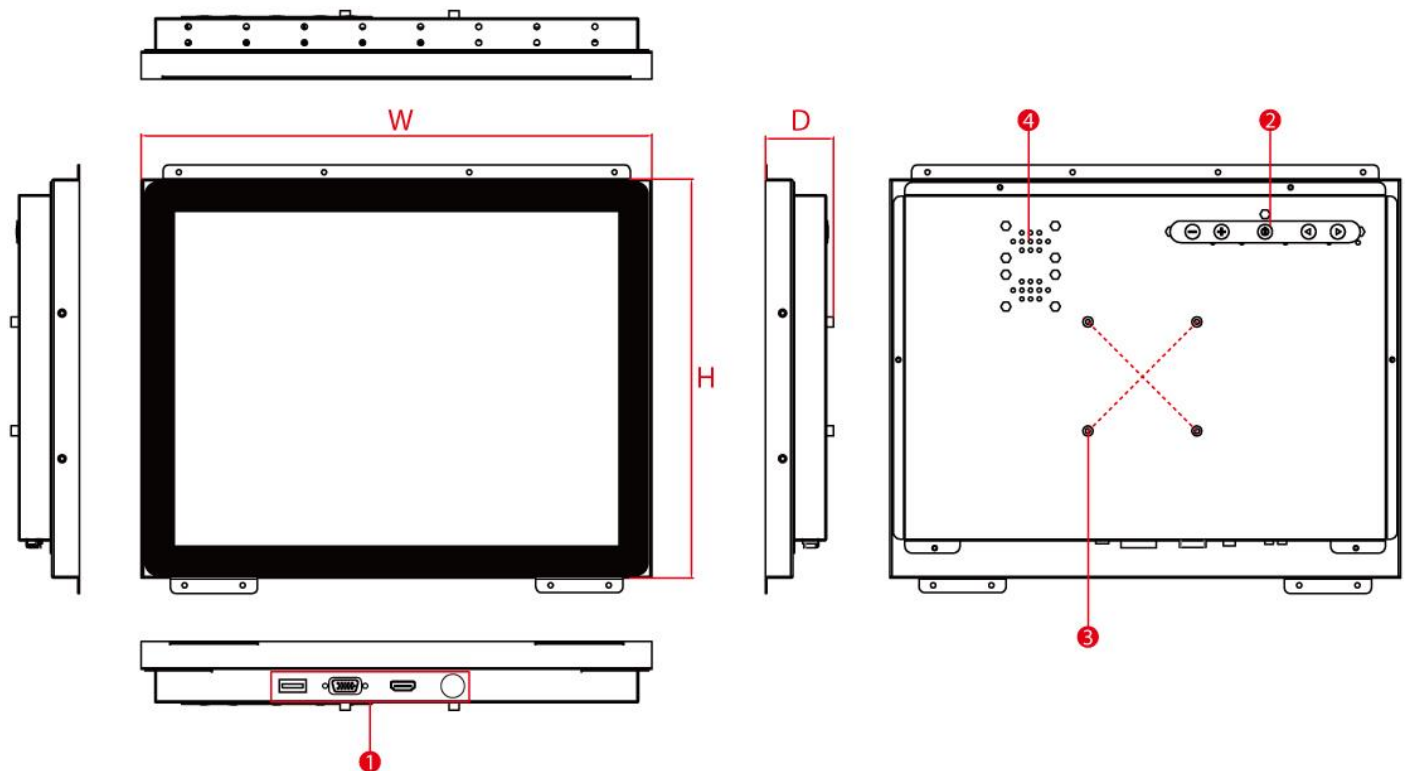


Note: Notice that standard input terminals include VGA and HDMI. Your device may be equipped with other input terminals based on your order.



Note: Notice that input and output connectors vary by product size and specifications. The picture above shows only a prototype model for information purposes only. The location of OSD panel may vary by model. Refer to a product datasheet for more details.

Mechanical Dimensions and Appearance



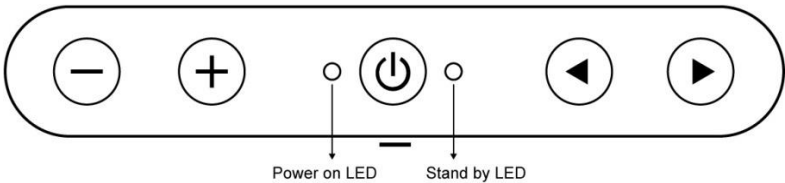
Item	Description
①	Connectors – Display input and output connects. The choice varies by order specifications.
②	OSD Control Panel – On-screen display control panel consists of physical buttons and LED indicators.
③	VESA – VESA pattern for wall, desk mounting.
④	Speaker – Audio output. Optional feature.

1.5 OSD Control Panel

1.5.1 Control Buttons

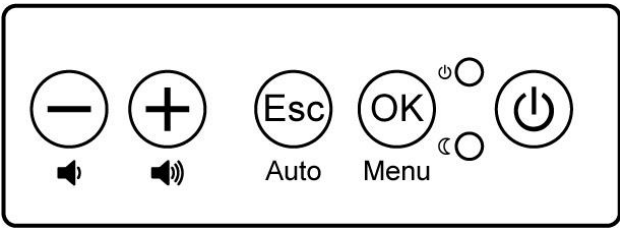
OSD control panel is located on the back side of the display and consist of control buttons and LED indicators.

Type A



Icon	Function
	Decrease the value / Select up
	Increase the value / Select down
	Power switch
	Select left
	Select right / Call main OSD menu

Type B



Icon	Function
	Decrease the value / Select up
	Increase the value / Select down
	Power switch
	Exit / Auto adjustment
	Enter / Call main OSD menu

1.5.2 LED Indicators

LED indicators are located on the OSD control panel on the back side of the display.

Icon	Description	Function
	Power Indicator	Lights up in "Green" when the monitor turn on
	Stand Indicator by	Lights up in "Orange" when the device cannot detect any input source

Chapter 2: Installation

2.1 Wiring Requirements

The following common safety precautions should be observed before installing any electronic device:

- Strive to use separate, non-intersecting paths to route power and networking wires. If power wiring and device wiring paths must cross make sure the wires are perpendicular at the intersection point.
- Keep the wires separated according to interface. The rule of thumb is that wiring that shares similar electrical characteristics may be bundled together.
- Do not bundle input wiring with output wiring. Keep them separate.
- When necessary, it is strongly advised that you label wiring to all devices in the system.



Caution/ Attention

- Do not run signal or communication wiring and power wiring in the same conduit. To avoid interference, wires with different signal characteristics (i.e., different interfaces) should be routed separately.
- Be sure to disconnect the power cord before installing and/or wiring your device.
- Verify the maximum possible current for each wire gauge, especially for the power cords. Observe all electrical codes dictating the maximum current allowable for each wire gauge.
- If the current goes above the maximum ratings, the wiring could overheat, causing serious damage to your equipment.

Be careful when handling the unit. When the unit is plugged in, the internal components generate a lot of heat which may leave the outer casing too hot to touch.

2.2 Mounting Guide

The Open Frame Display can be applied for several different installation methods, including panel mounting, bracket mounting, VESA mounting. Refer to sub-sections below for more details.



Caution Follow mounting instructions and use recommended mounting hardware to avoid the risk of injury.

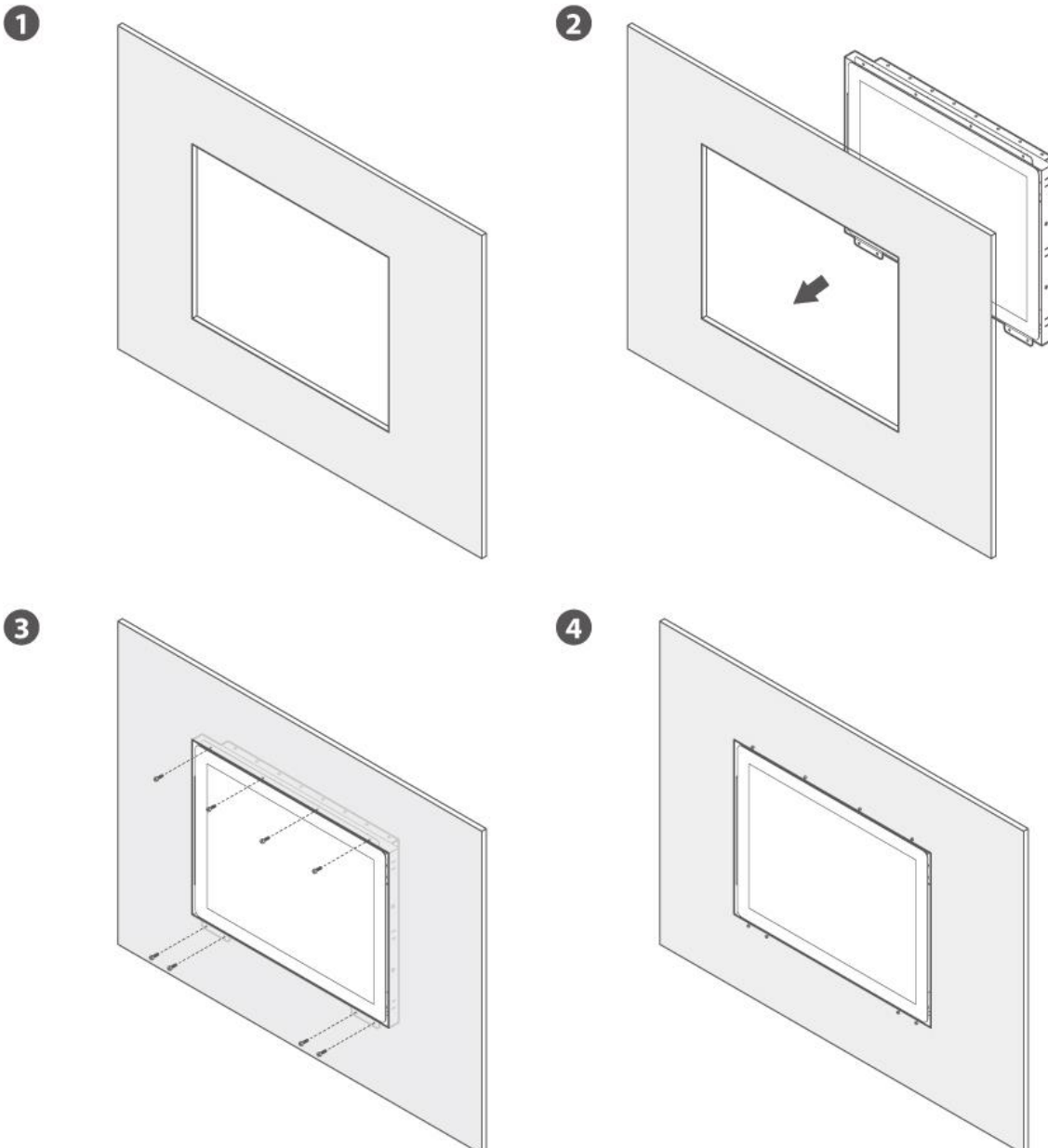
Attention Suivez les instructions de montage et d'utilisation recommandé le matériel de montage pour éviter le risque de blessure.

2.2.1 Panel Mount

The Open Frame Display comes with clamp mounts that enable you to install the unit onto a wall (where space has been cut out to accommodate the rest of the hardware). Winmate provides VESA and Wall Mount Kits by request.

Installation Instruction

1. Make a cutout on the fixture (ex. wall) according to the cutout dimensions of the display.
2. Based on the drawing, mark screw holes on a front side of the fixture. Place display on the fixture from the rear side.
3. Use electric screwdriver to fasten M3 screws from the front side.
4. You complete the installation. Please connect all the peripherals if needed.

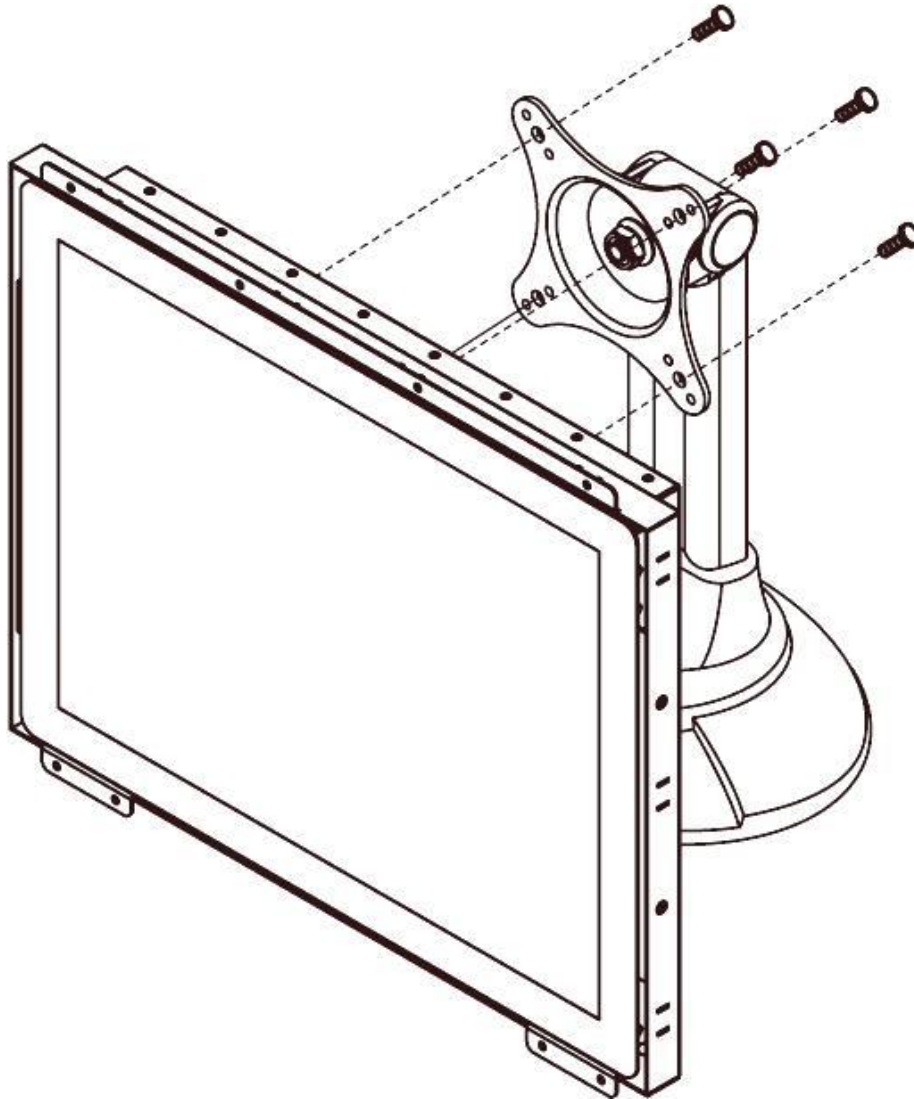


2.2.2 VESA Mount

Open Frame Display comes with VESA Mount holes for mounting.

Installation Instruction:

1. Screw VESA bracket to the fixture (ex. swing arm) with four VESA screws.
2. Place the device on VESA bracket.



Notice that VESA stand and mounting kit are not provided by Winmate.

2.3 Cable Mounting Considerations

For a nice look and safe installation, make sure cables are neatly hidden behind the device.



Caution Observe all local installation requirements for connection cable type and protection level.

Attention Suivre tous les règlements locaux d'installations, de câblage et niveaux de protection.



Caution Turn off the device and disconnect other peripherals before installation.

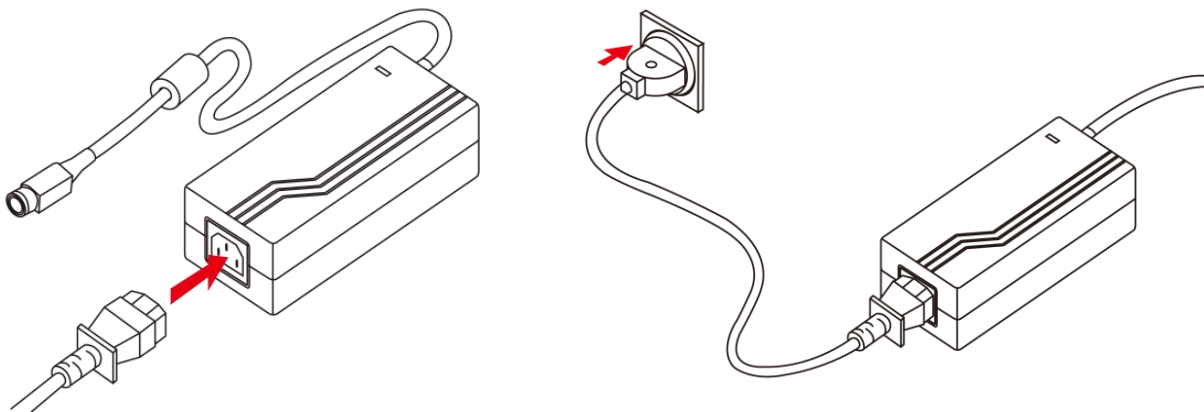
Attention Éteindre l'appareil et débrancher tous les périphériques avant l'installation.

2.4 Connecting Power

This section provides information on how to use connectors on the Open Frame Display. Be cautious while working with these modules. Please carefully read the content of this chapter in order to avoid any damages.

Installation instruction:

1. Connect the AC cord to the AC IN terminal on the AC adaptor.
2. Connect the DC OUT terminal of the AC adaptor to the DC IN terminal on the monitor.
3. Align the notch on the cord connector with the guiding groove and plug it in.
4. Connect the AC cord plug to the power outlet.

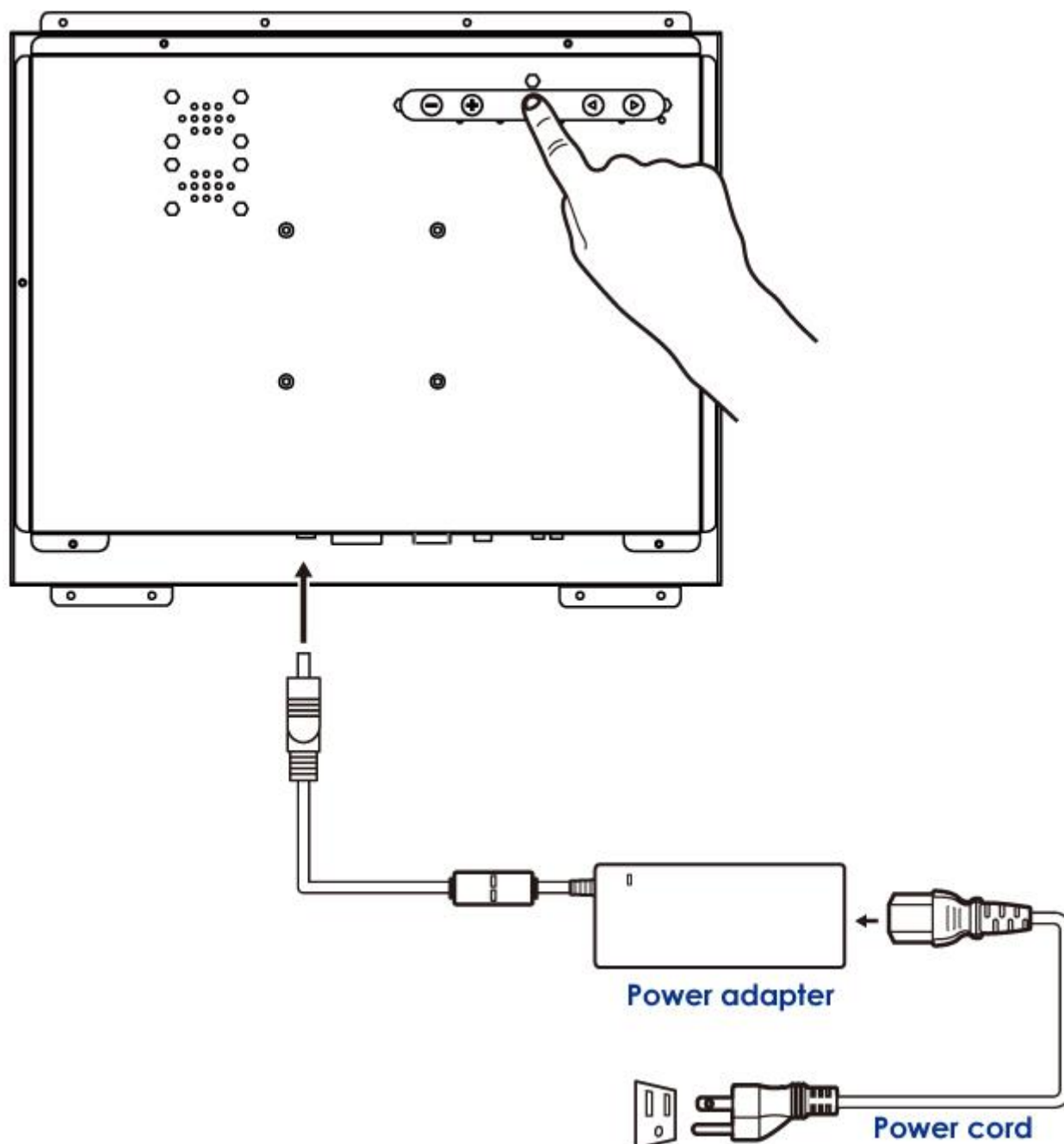


Chapter 3: Operating the Device

3.1 Turning on the System

To turn on the system:

1. Connect the power adapter cable to the DC input of the display.
2. Connect the power cord to the power adapter.
3. Connect the power cord to a power outlet.
4. Press the power button located on the OSD control panel on the rear to turn on the system.



Note

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Contact Us

Winmate Inc.



No.18, Zhongxing South Rd.,
San-Chung District, New Taipei City 241017, Taiwan
Tel: +886-2-8511-0288
E-mail: sales@winmate.com.tw
Website: www.winmate.com

Winmate USA Inc.



2640 Matthews Street,
Smyrna, GA 30080, USA
Tel: +1-678-653-8800
E-mail: NASales@winmate.com.tw
Website: www.winmate-rugged.com

TTX Canada



150 Werlich Drive, Units 5&6
Cambridge, Ontario, N1T 1N6 Canada
Tel: +1-519-621-1881
E-mail: Sales@ttx.ca
Website: www.ttx.ca

TL Electronic GmbH



Bgm.-Gradl-Str. 1
85232 Bergkirchen-Feldgeding, Germany
Tel: +49 (0)8131 33204-0
E-mail: info@tl-electronic.de
Website: www.tl-electronic.de

京融电自动化科技（苏州）有限公司



215100 江苏省苏州市工业园区唯新路 69 号
一能科技园 3 号楼 206 室
Tel: +86-512-6826-6696/6829-6696
E-mail: sales@winmate.com.cn
Website: www.winmate.com.cn

Winmate JP Office/ HPC System Inc.



LOOP-X 8F,3-9-15 Kaigan,
Minato-ku, Tokyo 108-0022, Japan
Tel: +81-3-5446-5535
Fax: +81-3-5446-5550
Website: www.hpc.co.jp
