User Manual

Military Grade Rack Mount Display Monitor

7U 17.3 inch Rack Mount Display Monitor
Part# RMP-161-F17A-MIL

Options :
- AV, S-video input
- Touchscreen
- HDMI, Display port input

FC   CE   RoHS   REACH

Contents

Before Installation

■ It is very important to mount the equipment in a suitable cabinet or on a stable surface.

■ Make sure the place has a good ventilation, is out of direct sunlight, away from sources of excessive dust, dirt, heat, water, moisture and vibration.

Unpacking

The equipment comes with the standard parts shown in package content. Check and make sure they are included and in good condition. If anything is missing, or damaged, contact the supplier immediately.

How To Clean Your LCD Monitor

⚠ Caution :

■ To avoid the risk of electric shock, make sure your hands are dry before unplugging your monitor from or plugging your monitor into an electrical outlet.

■ When you clean your monitor, do not press down on the LCD screen. Pressing down on the screen can scratch or damage your display. Pressure damage is not covered under warranty.

■ Use only cleansers made specifically for cleaning monitors and monitor screens. Cleansers not made to clean monitors and monitor screens can scratch the LCD display or strip off the finish.

■ Do not spray any kind of liquid directly onto the screen or case of your monitor. Spraying liquids directly onto the screen or case can cause damage which is not covered under warranty.

■ Do not use paper towels or abrasive pads to clean your monitor. Using an abrasive pad or any wood based paper product such as paper towels can scratch your LCD screen.

Cleaning Your Monitor

To clean your LCD safely, please follow these steps :

① Disconnect the power cord.

② Gently wipe the surface using a clean, dry microfiber cloth. Use as little pressure as possible.

Cleaning Tough Marks and Smudges

To remove tough marks and smudges, please follow these steps :

① Disconnect the power cord.

② Spray a small amount of non-abrasive cleanser on a microfiber cloth.

⚠ **Caution : Do not spray or apply any liquids directly onto the monitor. Always apply the solution to your microfiber cloth first, not directly on the parts you are cleaning.**

③ Gently wipe the surface. Use as little pressure as possible.

④ Wait until your monitor is completely dry before plugging it in and powering it up.

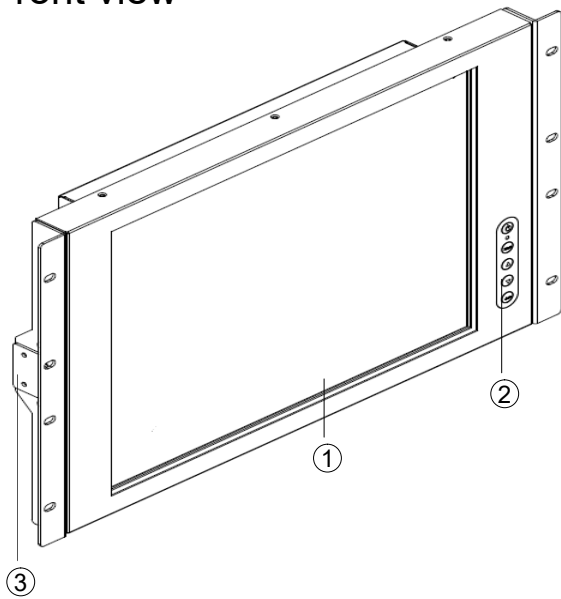# < Part 1 >
< 1.1 > Package Content

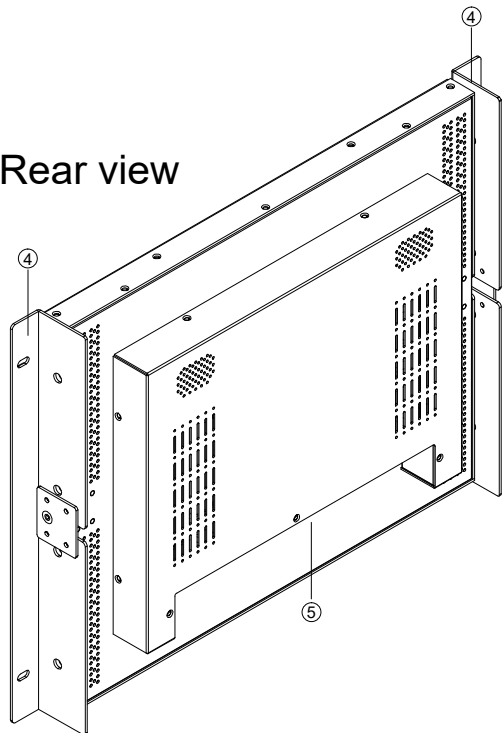**17.3" monitor   X 1**

- 1.8 M VGA cable X 1
- 1.8 M DVI cable X 1
- 1.8 M Audio cable X 1
- Power cord X 1

< 1.2 > Structure Diagram
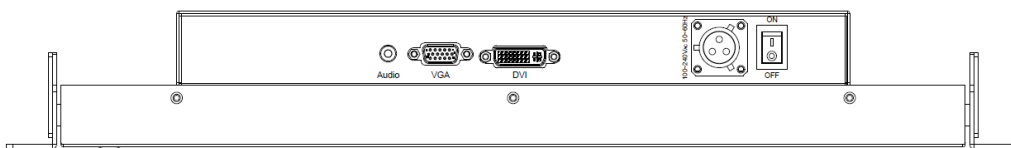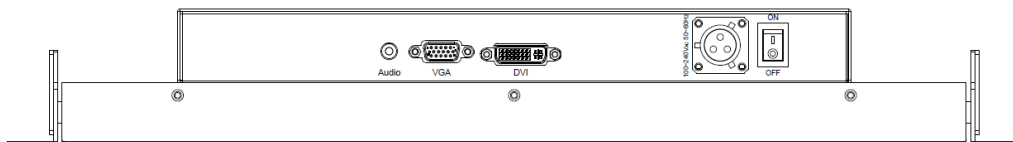
Front view

Rear view

① LCD PANEL
② LCD OSD
③ Tilter
④ Mounting bracket
⑤ I/O bracket

Audio   VGA   DVI   ON / OFF

I/O : DVI + VGA + Audio, AC lock connector

< 1.2 > Dimension
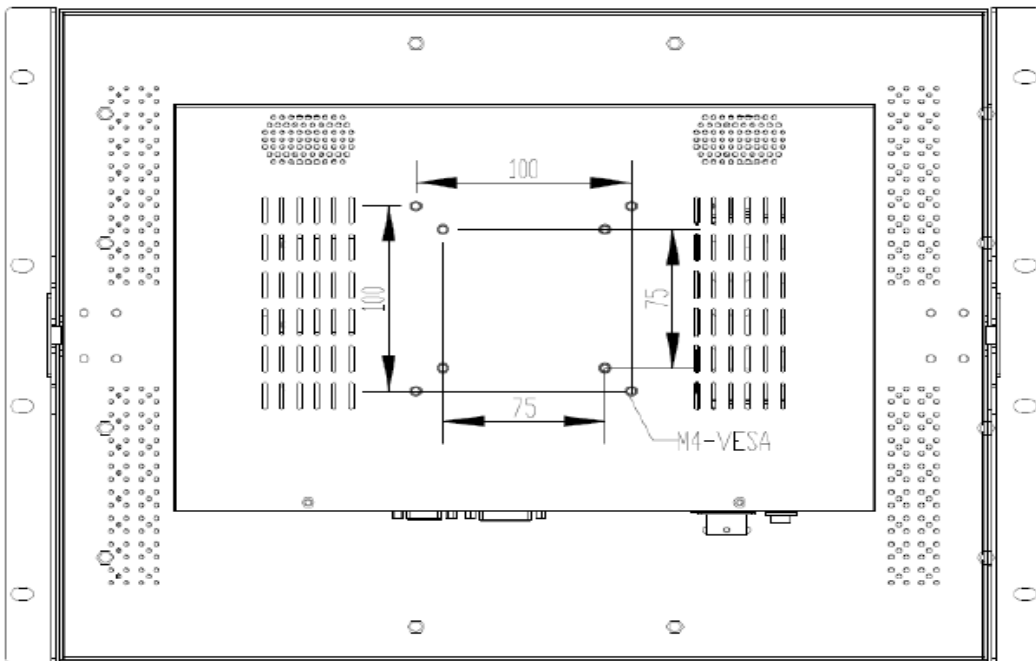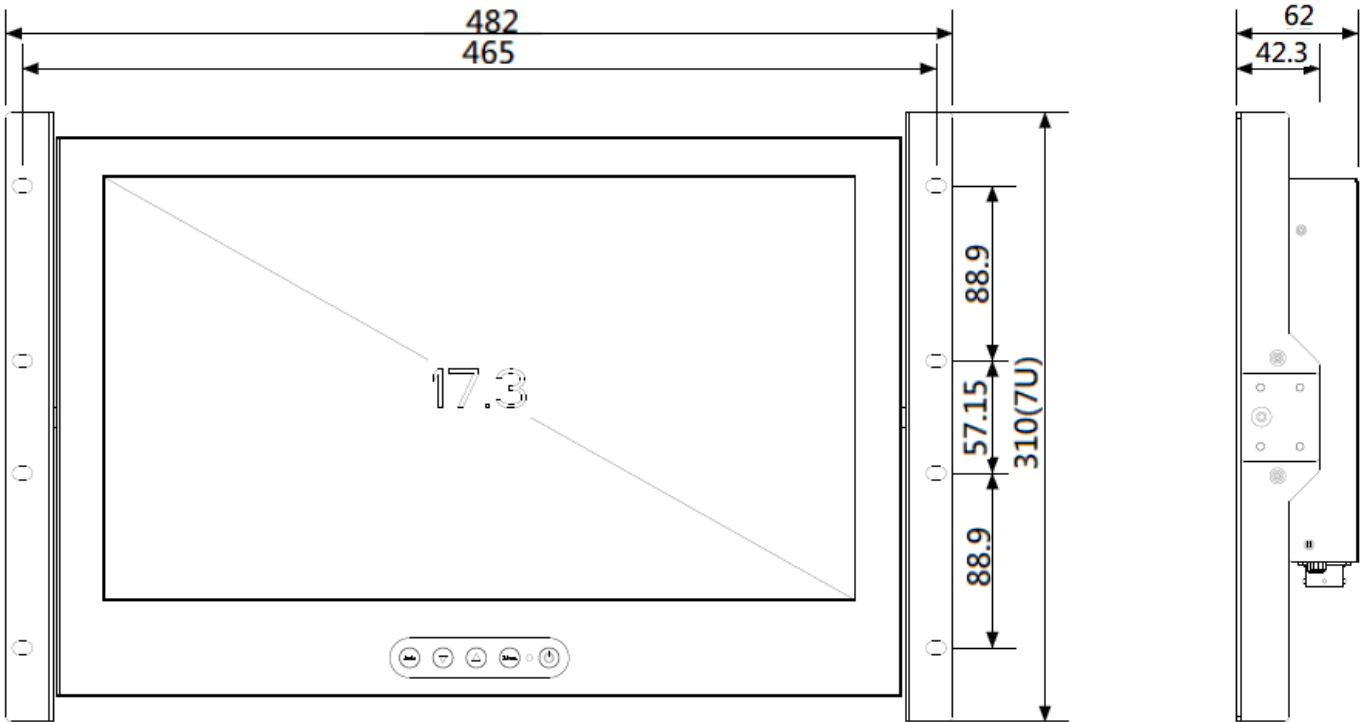
Model	Product Dimension (W x D x H)	Packing Dimension (W x D x H)	Net Weight	Gross Weight
17.3" monitor	482 x 62 x 310 (7U) mm	610 x 210 x 400 mm	5.5 kg	6.5 kg

< 1.3 > Rack Mounting Installation
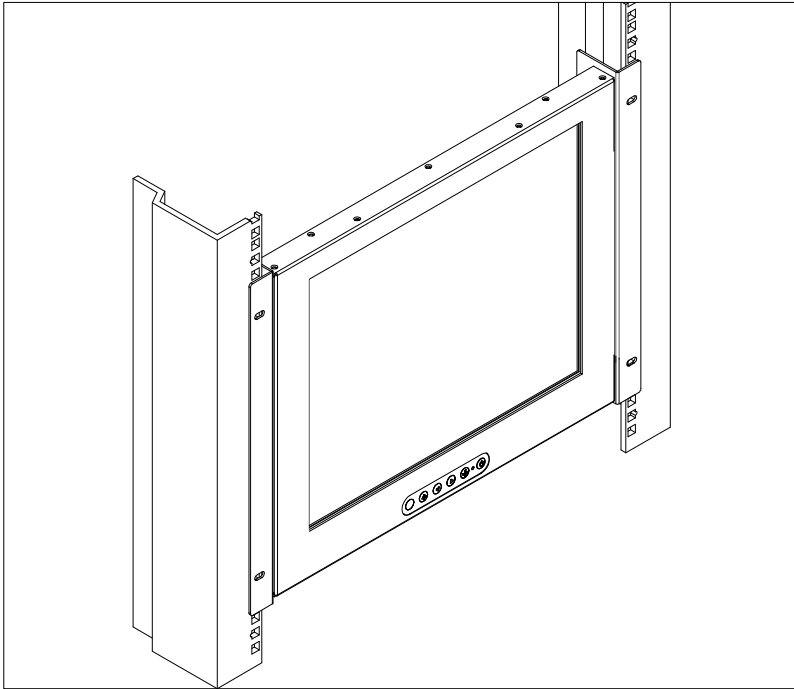
Step ①

Mount the display panel with M6 screw set 4 x M6 screw set are required

M6 screw sets are not provided.

Step ②

90° tilt adjustment while mounted in rack: +45°~-45°

< 2.1 > Product Specifications

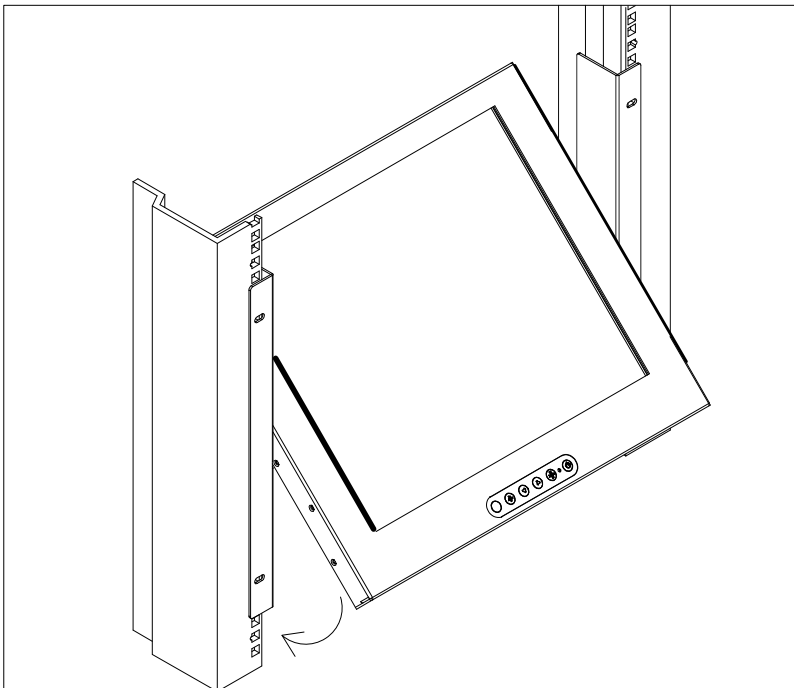| LCD Panel	Manufacturer		AUO
	Panel Size (diagonal)		17.3 inch widescreen
	Display pixel (dots x lines)		1920 x 1080 (up to 1920 x 1200)
	Brightness (typ.)		300
	Contrast Ratio (typ.)		650:1
	Color		262K
	Viewing Angle (L/R/U/D)		70/70/60/60
	Response Time (ms)		6
	Dot pitch (mm)		0.1989(H) x 0.1989(V)
	Backlight Type		LED

Video Connectivity	Digital	DVI	DVI-D, TMDS single link
	Analog	VGA	Analog 0.7Vp-p
		Composite (RCA)	NTSC & PAL
		S-Video (4-pin)	NTSC & PAL

Audio Connectivity	Audio Input	Connector	3.5mm stereo jack
		Impedance / Power level	30kΩ / 750mV
	Speaker	Dual Stereo Speaker	2W x 2

Power	Power Supply	Range	Auto-sensing 100 to 240VAC, 50 / 60Hz, with lock connector

Regulatory	Safety	FCC & CE certified
	Environmental	RoHS2 & REACH compliant

Environmental Conditions	Operating	Temperature	-20 to 70°C degree
		Humidity	5~95%, non-condensing
	Storage / Non-operating	Temperature	-30 to 80°C degree
		Humidity	5~95%, non-condensing
		Shock	15G / Peak (11 ms)
		Vibration	5 - 500 Hz / 1 Grms PTP

Applicable Format	DVI-D / VGA Input	PC Signal	1920 x 1080 x 60Hz
			1680 x 1050 x 60Hz
			1440 x 900 x 60Hz
			1360 x 768 x 60Hz
			1280 x 1024 x 60Hz
			1280 x 768 x 60Hz
			1152 x 864 x 60Hz
			1024 x 768 x 60Hz
			800 x 600 x 60Hz
	HDMI Input (option)	PC Signal	Same as VGA
		HDMI	1920 x 1080 x 59 / 60Hz (1080p)
			1920 x 1080 x 29 / 30Hz (1080i)
			1280 x 720 x 50 / 59 / 60Hz (720p)
			720 x 480 x 59 / 60Hz (480p)

< 2.2 > On-screen Display Operation (OSD)

OSD Control buttons

LCD OSD can establish and setup LCD display. Setup instructions of four buttons are as follows:

Button	Functions
POWER	Turn on or off the LCD Display
Menu/Enter	Activate OSD menu, select a menu and press MENU key to confirm the selection and enter the submenu.
▲	Press this key to increase setting or scroll up the menu bar
▼	Press this key to Decrease setting or scroll down the menu bar
Auto	press the auto key to adjust screen display position (VGA mode)

< Part 3 >
< 3.1 > Options : Touchscreen

USB Touchscreen Specification

Model	TRB e-Resistive	TCB e-Capacitive
Technology	5-Wire Resistive	Capacitive
Touch Point	Single	Single
Method	Stylus or Finger	Finger
Activation Force	≤ 50g / Stylus=R0.8	≤ 50g
Durability	10 million touches	300 million touches
Response Time	15 ms	20 ms
Optical Transmittance	80% ± 3%	87% ±2%
Surface Hardness	3H	9H
Haze	8% ± 3%	7%
Glass	3.2 ±0.2 mm	2.8 mm ±10%
Connector	USB Type A	
Compatibility	Windows 10 / 8 / 7 / XP / Vista, Linux	

■ USB touchscreen package includes 2 x 1.8 M USB cable, quick reference guideline and CD disc

■ For detailed information, please refer to the attached CD disc

■ As the touchscreen unit is not made of toughened glass, please handle it carefully