

USER'S MANUAL

AOD215-S-GPCAP-TPMB (21.5") PCAP panel mount metal case monitor



A1Touch Solution BV

Hogeweg 21
NL-6367 BA Voerendaal
The Netherlands

☎ : +31-(0)45 574 81 90

✉ : info@A1TouchSolution.nl
🌐 : www.A1TouchSolution.nl

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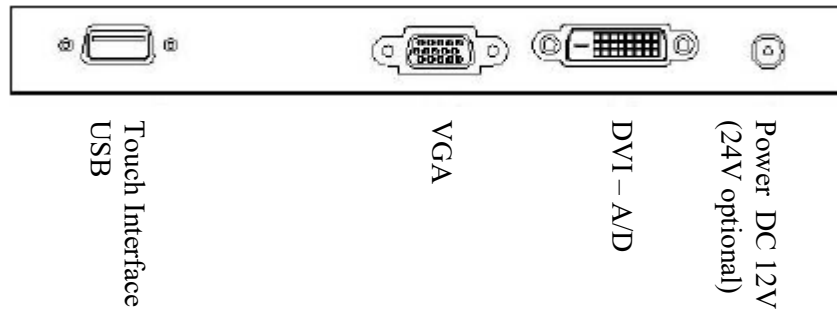
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1. Monitor User's Manual

1.0 Connection To the Monitor



1.1 Installation

- Connect the signal(VGA/DVI) cable to the VGA/DVI port of computer. Tighten the two thumbscrews by turning clockwise.
- You can adjust the connection for your PC environment.
- Plug the DC cord of the AC adapter to the power connector and the plug the end of AC adapter to and electrical outlet socket(110V/220V)
- Connect DC cord of adapter (12V DC) to the monitor..

1.2 Features

- AOD 215 is a Full HD (1920x 1080 pixels) LCD monitor.
- You can adjust brightness, contrast, horizontal & vertical positions by OSD menus and use auto adjust function for instant adjustment.
- High-qualified LCD Controller inside
- Compact space saving design and power saving mode
- 100% compatible with Windows PC environment without the installation of driver CD or software program.

1.3 Plug and Play Function

AOD/ATS 215 can be installed and connected automatically to any computer systems without driver CD or software programs. Monitor will recognize the optimized value of video mode by DDC(Display Data Channel) method that makes the graphic card of computer to communicate with the monitor.

AOD215 supports VESA DDC 1/2B.

1.4 Safety Precaution

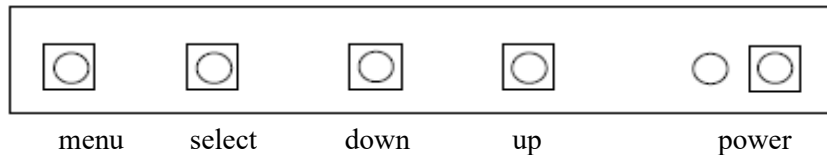
We strongly recommend that you carefully read this User's Manual before operating your LCD monitor. FOLLOW INSTRUCTIONS in this manual.

Please read and comprehend all using directives before use this machine.

- **Power**
Use the type of power indicated on the marking label.
- **Adapter**
Only use an adapter designed of the LCD monitor.
- **Plug**
Do not remove any of the prongs of the monitor's three-pronged power plug.
Disconnect the power plug from the AC outlet if you will not use it for an indefinite period of time.

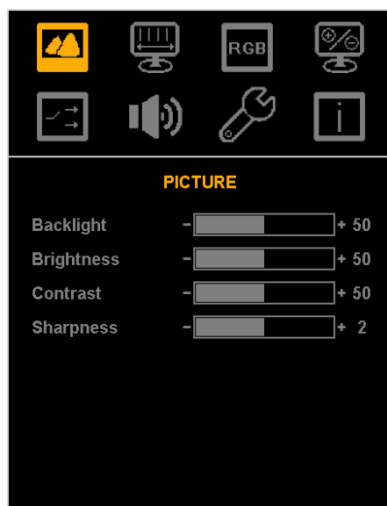
- **Power and extension cord**
- Use the proper power cord with ground conductor
Do not overload wall outlets or power cords. Ensure that the total of all units plugged into the wall outlet does not exceed 7 amperes.
Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.
- **Care and maintenance**
Slots and openings in the cabinet are provided for ventilation. Do not block or cover these openings. Do not push objects of any kind into cabinet slots or openings. The screen surface is easily scratched. Do not use paper towels to clean the display. Avoid touching it with your fingers, pens, or pencils.
- Turn off the AC adapter and the monitor over long periods when not in use.

1.5 OSD (On-Screen-Menu)



Button	Function	Status	HOT Key
LED	Indicates operation status	Green: Normal Operation Yellow(Amber): No valid input, No Signal, Off Mode	
POWER	Turn on or turn off the power		
MENU	Display the OSD menu on no menu status		
SELECT	Select highlighted function		Auto Configuration on no menu status(RGB Only)
UP	Select next menu item Increase slider value		Auto Color on no menu status(RGB only)
DOWN	Select previous menu item Decrease slider value		

1.6 OSD Menu



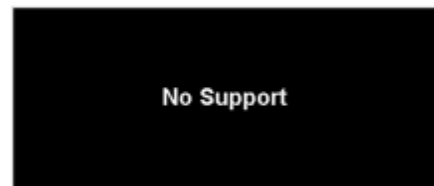
ITEM	Sub Menu	Description	Remarks
PICTURE	Backlight	Adjust the backlight level of the screen image	100
	Brightness	Adjust the background black level of the screen image	
	Contrast	Adjust the contrast between the objects and background	
	Sharpness	Make the outline of objects more clear or blurry	

DISPLAY	Auto Adjustment	Automatically sizes, centers, and fine tunes the video signal to eliminate waviness and distortion	RGB only
	H Position	Move the image horizontal position	
	V Position	Move the image vertical position	
	Pixel Clock	Adjust picture width	RGB only
	Phase	Adjust picture focus quality	
COLOR	Gamma	Select the gamma	
	Color Temp	Allow selection of different color temperature schemes. (User, Standard, 5800K, 6500K, 7500K, 9300K)	
	Color Effect	Select the Color Effect (Standard, Vivid, Photo, Movie, Game)	
	Hue	Increase/decrease Hue level,	
	Saturation	Increase/decrease Saturation level,	
ADVANCE	Aspect Ratio	Selections are Full Screen, Original, 5:4, 4:3, 16:9	
	Overscan	On/Off	
	Light Sensor	Not Supported	
	Temp Sensor	Not Supported	
INPUT	Auto Select	Auto source select	
	VGA	VGA source select	
	DVI	DVI source select	
OTHER	Reset	Reset to factory settings	
	Menu Time	Adjust the OSD menu timeout	
	OSD H Position	Adjust the OSD horizontal position	
	OSD V Position	Adjust the OSD vertical position	
	Language	Select OSD menu language	
	Transparency	Change the transparency of the OSD	
	Rotate	Rotates the OSD	

1.7 OSD Messages

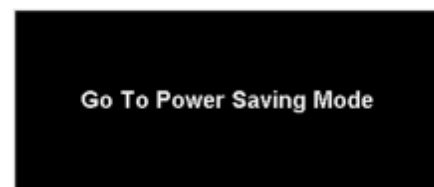
OUT OF FREQUENCY

- Input Signal is over the supporting range



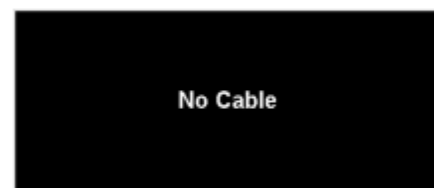
POWER SAVER MODE

- Input Signal is not present. This message is disappeared after 5 seconds.



SELF DIAGNOSTICS

- Input signal or cable is not present after power on with power switch. This message is not disappeared before power off or activity of input signal or connect cable.



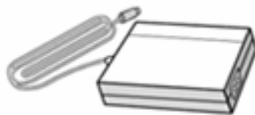
1.8 Specifications

Color panel:	Hardened glass with black borders
Model:	21.5 inch TFT LCD Monitor
Type:	21.5 inch wide Color a-Si TFT-LCD Module P215HVN01.0.
Resolution (max):	1920 x 1080 (FHD)
Color:	16,7 million
Pixel:	0.0976 x 0.2928 mm
Brightness:	300 cd/m ²
Contrast ratio:	3000:1
Viewing angle:	89°/89° horizontal & 89°/89° vertical
Response time	18ms (Typ., on/off)at surface 35 degree C
Active area:	476.64 x 268.11 mm
VGA input	Analog RGB (D-Sub 15-pins) + DVI
Plug and play:	Yes DDC1 /DDC2B
Power:	12 Volts. included Adapter
Power consumption:	<35 watt max.
Power consumption stand by:	<4 watt max.
Temperature opration mode:	0 °C - 50 °C
Humidity operation mode:	10% ~ 90% R.H.
Size	531x323X51mm (wxhxd)
Weight	6.5 Kg
Mounting:	VESA 200mm
Users Mode:	OSD Key: Menu / Select / Power / Down / Up
Compatibility:	VESA / IBM / MAC
Touch info:	
Touch type:	Projected Capacitive
	-Standard glare.
Touch spec:	-Touchable with finger, glove and pcap stylus.
	-10 points touch
	-activation force less than 1 gramm.
External protection:	Front completely glass, so 100% watertight
Glass sensor:	3mm thick heat tempered glass with black borders, grinded edges.
Surface hardness:	Mohs' hardness = 7
Response time:	Max. 20 msec.

1.9 Contents of the Retail Package



Monitor



AC/DC Adapter



Power cord



VGA/DVI/DP/mDP Cable

1.10 Troubleshooting

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER.
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

- The monitor does not respond after you turn on the system.
- Make sure that the monitor is turned on.
- Turn off the power and check the monitor's power cord, AC adapter, and signal cable for proper connection.
- Appear the "No Input the Signal"
- Check the connecting of the audio cable between the monitor and the computer.
- Appear the "Input Not the Supported"
- Input signal are insuperable, reset the video mode.
- The appearance is not at the screen center.
- Use "AUTO ADJUST", refer to the Controls section.
- The characters on the screen are too dim or too bright
- Choose fit color temperature, use "AUTO COLOUR ADJUST or manually adjust
- "RGB ADJUSTMENT", refer to the Control section.