Touch Screen Monitor

USER'S MANUAL

English Version

To Valued Customer:

Thank you very much for your buying and using this Touch Screen Monitor, please check if all the accessories are inclued when you open box. Please read this User's Manual carefully and remain it for further use before you connect accessories and plug & play.

INDEX

1. Safety Warning

Important Notice！
High Voltage! Danger!
The touch screen monitor includes high voltage, please do not open the housing cade to avoid electric shock, please ask Professionals to repair.

It will cause fire or electric shock if make the wrong operations. For your safety and long LifeTime of touch screen monitor, please do read the following Safety Warning Notices carefully.

- Read and understand all of these instructions before using.
- Keep this User's Manual properly for further use in future.
- Follow all warnings and instructions in this User's Manual.
- Do not use manufacturer's non-recomended accessories.
- Use the type of power adapter suitable for touch screen monitor. Please make sure of correct request same as local power source, If you do not know power adapter type, please contact your local Distributor or Electricity Sector.
- Do not allow anything to Press or Twine the power cables. Broken Cables will cause fire or electric shock.
- Please do not repair it yourself. It will cause harm to your body/monitor Due to high voltage parts and other easy broken parts. Please do ask Professionals to repair.
- Please do not touch the unmentioned control parts and do not make the Unsuitable adjustments to avoid damage or increase repair difficulty.
- Please ask Repair Professionals to confirm using the manufacturer's Specified or functions similar with original parts to replace. It will cause Fire, electric shock and monitor damage etc danger.
- Please install it according to manufacture's methods if hang the monitor On the wall or ceiling.
- Disconnect the power plug before cleaning. Please use the slightly wet rag. Do not use liquid cleaner or spray cleaner.
- Disconnect the power plug from the AC outlet if do not use it for long time.
- Do not put monitor on the unstable handcart, bracket or table.
- Please make sure of well-ventilation and holes arenot covered or blocked.
- The LCD panel is made of sensitive material, do not use any objects to hit Monitor. If monitor is dropped from high place, LCD panel will be damage. Please stop using this monitor at once.
- Place the monitor out of direct sunlight or heat producing appliances, such as radiators, heating equipments etc.
- Time Spacing between turn-on and turn-off is not less than 3 seconds.

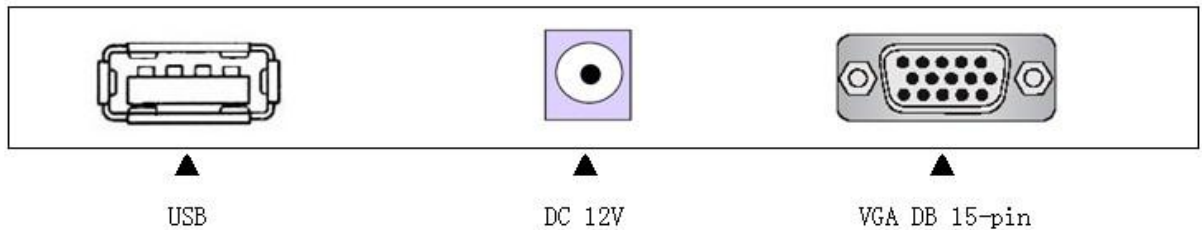## 2. Accessories (Please revise List as per actual situation)

1、User's Manual（X1）
2、Power Adapter（X1）
3、Power Cable（X1）
4、PC VGA Signal Cable（X1）
5、USB or RS232 Cable（X1）

3. OSD Control and Interface Instruction

【1】OSD Control Instruction

1、Control Instruction (As per actual OSD instruction, normal 5-Key)
- （1） Main Menu（MENU）
- （2） Menu choose up key（UP+）
- （3） Menu choose down key（DOWN-）
- （4） Auto adjustment（AUTO）
- （5） Power key（POWER）

2、Front panel Light （LED）Instruction: Signal is Green, No Signal is Red.

3、9 Language: Chinese, English, Korean, Japanese, French, German, Spanish, Italian, Portuguese.

【2】Interface Instruction

| USB | DC 12V | VGA DB 15-pin |

1 USB   Connect USB interface, for touch drive output
2 VGA   Connect Signal interface, other images output
3 DC   Connect Power adapter interface, power output

4. Specifications

LCD Display	15"	17"	19"
LCD Ratio	4:3	4:3	16:10
Resolution	1024x768	1280x1024	1440x900
Pixel Pitch	0.297x0.297	0.264x0.264	0.284x0.284
Brightness	250cd/m2	300cd/m2	300cd/m2
Contrast Rate	500:1	800:1	1000:1
Frequency	60-75Hz	60-75Hz	60-75Hz
Response	≤8ms	≤5ms	≤5ms
Horizonal Angle	150℃	170℃	170℃
Vertical Angle	130℃	160℃	160℃
Pen Touch Dot	≥100Million	≥100Million	≥100Million
Pen Touch Line	≥10Million	≥10Million	≥10Million
LCD Color	16.7M	16.7M	16.7M
Panel Mode	TFT LCD	TFT LCD	TFT LCD
Backlight	CCFL	CCFL	CCFL
Work Temperature	0-45℃	0-45℃	0-45℃
Power supply	12V 3A	12V 4A	12V 4A
Consumption	33W	45W	45W
Dimension	368x293x53mm	380x308x53mm	450x290x52mm
Packing	408x396x147mm	430x392x148mm	500x390x152mm
VESA Mounting	100x100mm	75x75mm	100x100mm

5. Troubleshooting

Before calling for maintenance and repair, please refer to this section to see if you can solve problem by yourself. If you need some helps, please contact the after-service center or our dealer.

Problem	Items to be inspected by yourself
No image	Check if the power plugs of the monitor and the PC are plugged, if the power supply is switched on, and if the screen is switched off by the ON/OFF key.
"No signal" appear	Check VGA cable for correct connect and if PC is power on
Off-center image	Adjust "Horizonal Position" and "Vertical Position" with "Automatic correction" or manually. Please refer to "Screen menu system" .
Too bright or too dark image	Select a proper "Color temperature", adjust "RGB" with "Automatic Color Correction" or manually. Please refer to "Screen menu system" .
Interference lines appear in the "Closing Windows"	Adjust "Phase" and "Clock" with "Automatic Correction" or manually. Please refer to "Screen menu system" .
"RGB settings" is not adjustable	Check if "Color temperature" is set to "USER". "RGB settings" is adjustable only when "Color temperature" is in "USER" state.
Note: The product is subject to the final practicality. If there are any changes in specification, we won't inform you separately.	