



M15ES

15" TFT
LCD MONITOR

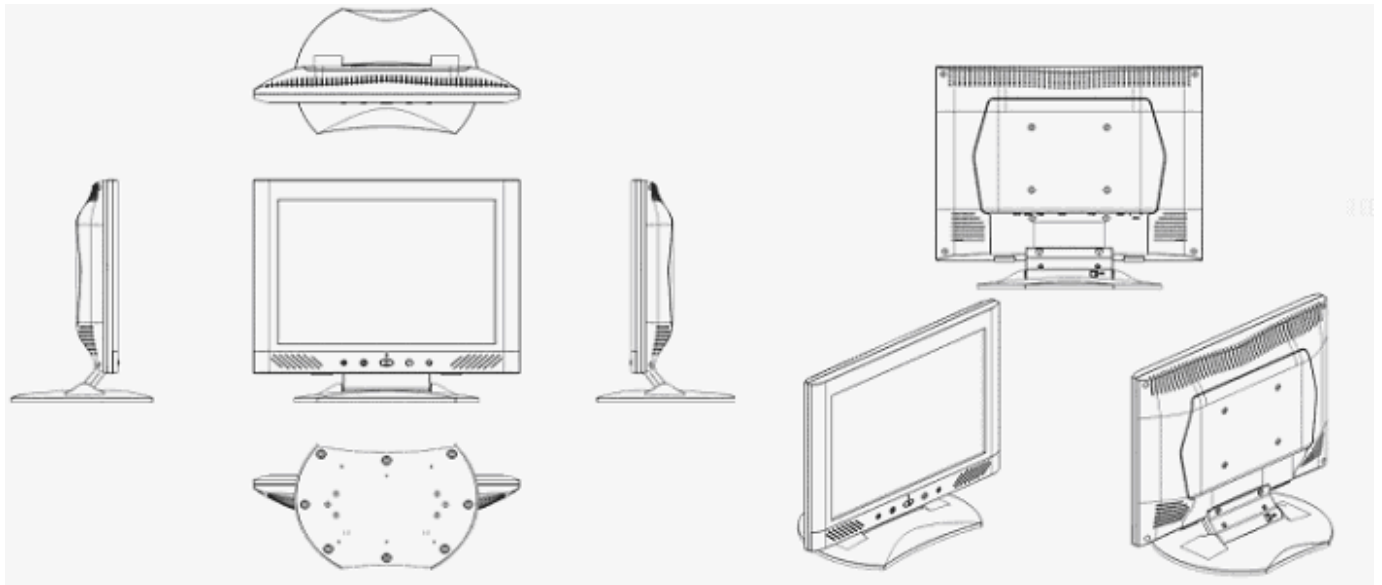


Getting Start

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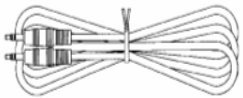


All Information in this manual may change from time to time without prior notice.

View of Monitor



Unpacking

Our 15" LCD monitor shall be content with these following items. Make sure you get all these set ready, otherwise contact to your dealer or store which you purchased it. At last, feel free to contact us.

<p>15" TFT LCD Monitor</p>			
<p>External Univ15 pin D-sub (RGB Analog) input signal cable</p>		<p>Power Cord</p>	
<p>ADAPTER TECH. External Universal AC Adaptor STD-1203 (100-240V, 50/60Hz)</p>		<p>Audio connector : stereo Phone Jack</p>	
<p>CD User's manual</p>		<p>Quick Start Guide</p>	

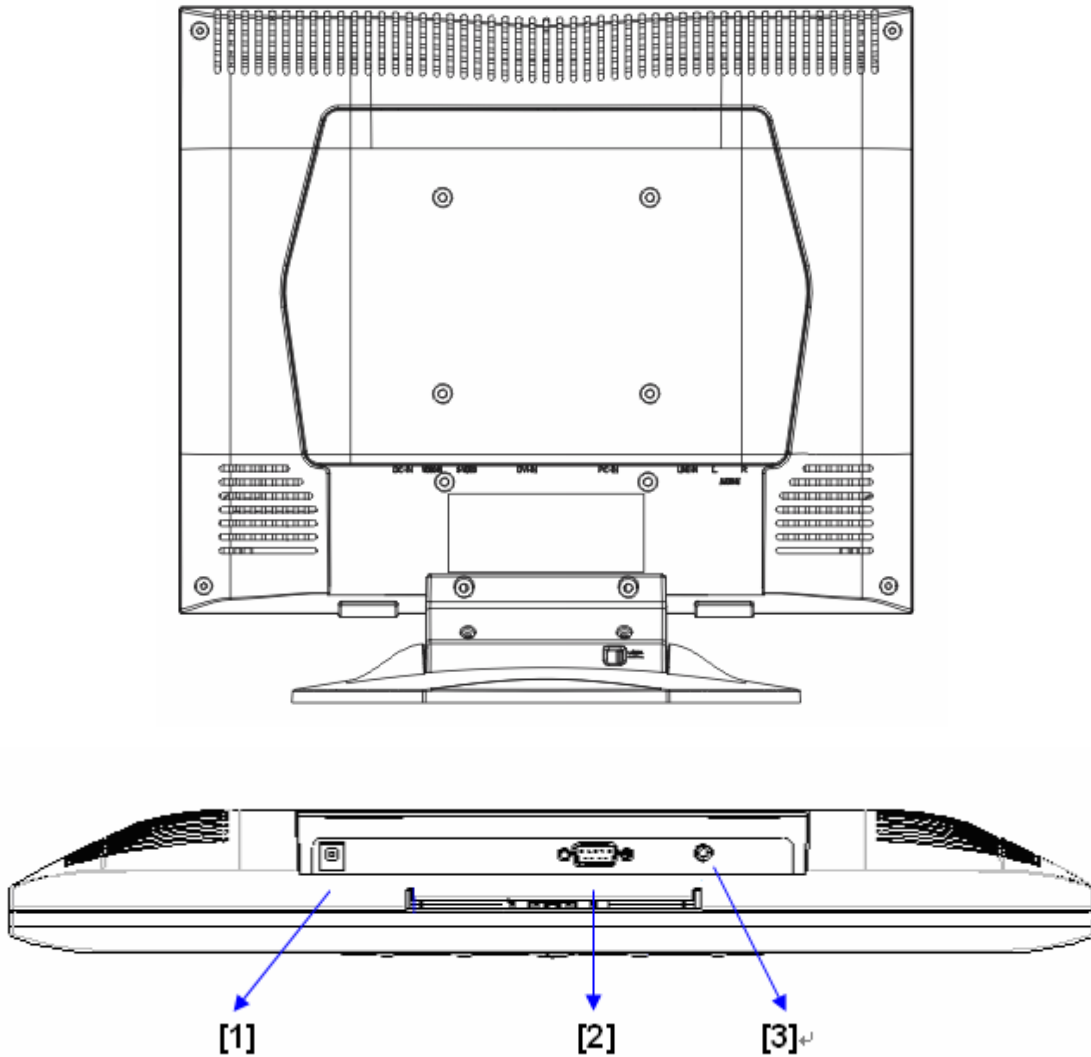
Warning

1. Make sure that the system power is turned off.
2. Plug the signal cable to the signal connector at the rear of PC.
3. Plug adapter output cable to the jack at the rear of LCD monitor and the power cord to the adapter.
4. Connect the power cord to power source.
5. Turn on the computer and the monitor.
6. For the best quality of the performance, we suggest you to set resolution as page 11 (Display Mode).
7. The lock (on the stand) must be locking in while using it.

Hardware Installation

Be carefully to your LCD monitor, it's very exquisite but easy to broken. Turn off LCD's and PC's power before you set it up. Follow our installation step by step.

Input



[1] DC port : This is for connecting the power cable

[2] PC In : This can be connected with the D-Sub 15 pin signal Cable.

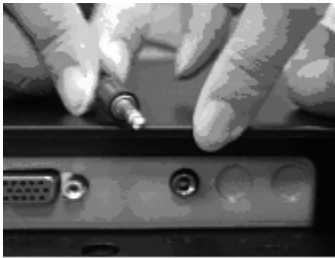
[3] LINE in : This can be connected to the audio-out connector of any sound resource.

Hardware Installation Step by Step

1. Turn your LCD opposite carefully which can see all the connection port.
2. Inset the signal cable such as RGB analog (standard) to its own port, and the other side connects to computer.



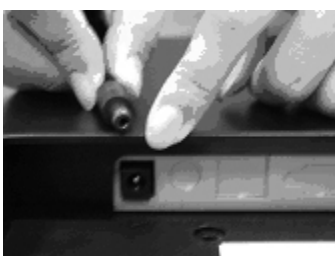
3. Inset the Audio connector to its own port, and the other side connects to computer line out.



4. Put AC Adaptor and Power Cord together.



5. Inset the DC cable to its own port (DC in), and the other side connect to socket.



6. Congratulations you had done with it. You can enjoy the excellent performance.

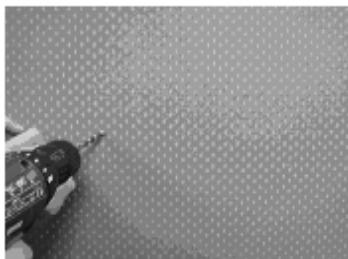
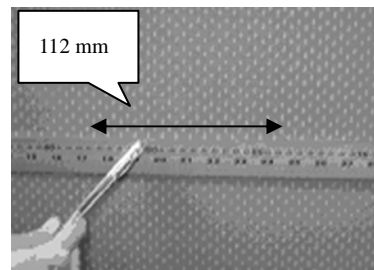
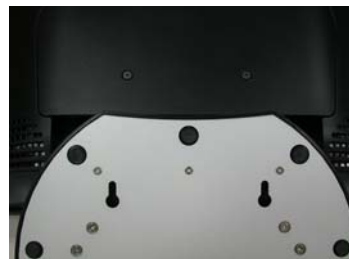
Angle of Inclination

1. In normal condition
2. With Lock in, LCD lay back $0^{\circ} \sim 15^{\circ}$ (positive and negative 2°)
3. With Lock off, LCD can lay back up to 90° for hanging



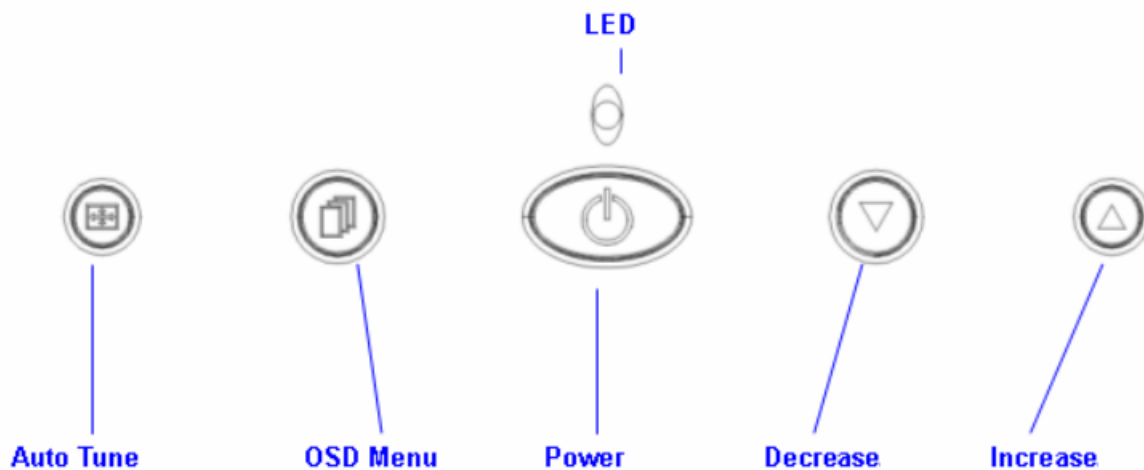
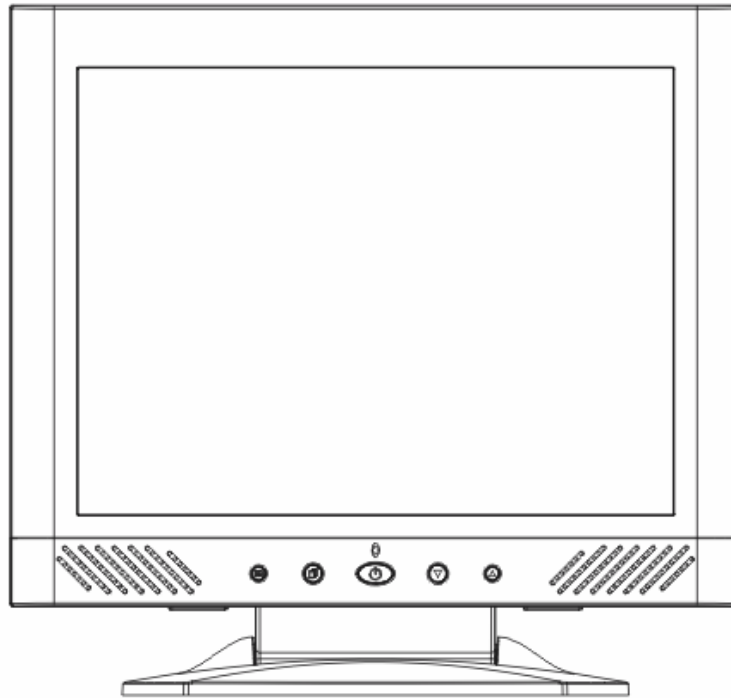
Hanging

1. Unlock
2. Lay back the stand
3. Use the tape measure to determine the position of two holes and mark them down. (112mm of the total length from eight edges)
4. Pick the right drill to bore holes in the wall.
5. Hammer the plastic ribbed anchor onto the holes for screw.(save 5 mm for Hanging)
6. Hang the LCD by use its stand to mount the screws.



Monitor Adjusting

Menu control button



There 5 keys for user to set up the monitor, including, “OSD menu “, “Auto Tune”, ”Increase<+>”, ”Decrease<->”, “Power”. The following descriptions are the introduction of these Keys.

Key Introduction

1. “Power”: Turn the LCD power on and off. When the power is on, the light is showing green, standby will be orange.
2. “Auto Tune”: Auto adjust, menu left adjustment.
3. “OSD menu”: Press the button to OSD menu, menu right adjustment.
4. “Increase <+>”: Increase the option value in the OSD menu.
5. “Decrease <->”: Decrease the option value in the OSD menu.

Cleaning Notice

1. Be gentle to clean the screen.
2. Never, ever, using any kind of corrosiveness chemical dissolvent to clean the screen, it may hurt your screen surface.
3. We suggest that using a clean camel hair brush or a soft, clean, lint-free cloth to wipe the screen.
4. Don't give any pressure directly to the LCD

Precaution

1. Do not expose the monitor to direct sunlight or heat.
2. Do not spill liquid on the monitor.
3. Do not attempt to open the monitor. You may be hurt by electric shock. For service, call your place of purchase.
4. Do not use your monitor when magnets or electronic products are operating nearby.
5. Do not use harsh chemicals or strong cleaning solvents to clean the monitor screen. Wipe it with clean, soft clothes applied with mild solution.
6. Do not place anything on your monitor. Bad ventilation may elevate temperature in the monitor.
7. Don't use your fingers to touch the LCD Screen, directly. Fingerprint that contains oil and may be difficult to clear.

Troubleshooting

Make sure that your monitor is properly installed if you have encountered any trouble using this product.

· There is no picture on the screen.

Check:

1. Power saving mode. Press any key and move the mouse to deactivate the mode.
2. Signal cable connector pins. If there are bent or missing pins, consult your place of purchase.

· Characters look too dark or too light

Check:

1. Using OSD Menu to adjust the Brightness.

· When your monitor shall be Adjusted?

Check:

1. If the resolution or frequency is being changed.

· The Text appears on the screen are unclear.


Check

1. Make sure the resolution or refresh rate match with the Display Mode.

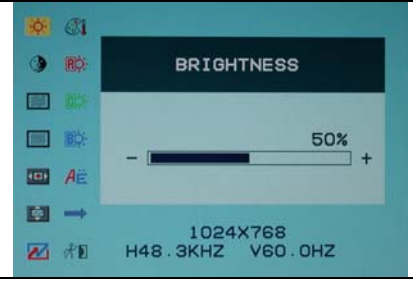
OSD (On-Screen Display) Menu Mode

Option select


1. Press the OSD button to access menu.
2. Using Auto Tune for left adjustment.
3. Press OSD again for right adjustment.



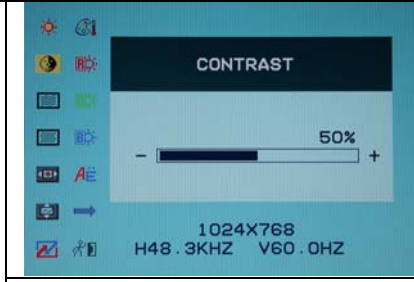
Brightness :
Adjust the brightness of the display.




Main menu brightness adjust




Contrast :
Adjust the difference between light and dark area.




Main menu contrast adjust



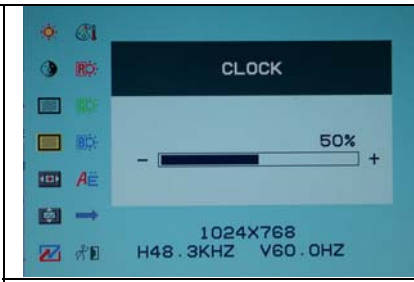
Phase :
Adjust the phase of pixel clock.




Main menu phase adjust




Clock :
Adjust the frequency of the pixel.




Main menu clock adjust



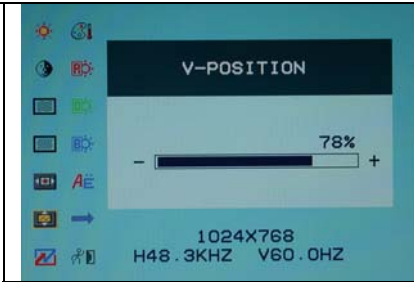
Horizontal Position :
Adjust the horizontal position of the display.




Main menu H position adjust



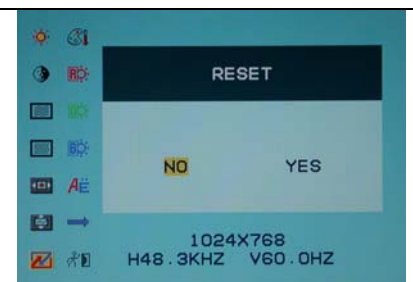
Vertical Position :
Adjust the vertical position of display.




Main menu V position adjust




Reset :
Recall the default setting.




Main menu Reset




Color Temp :
Adjust the color Temperature.



Main menu color temp. adjust




Language :
Language support.





Main menu language adjust




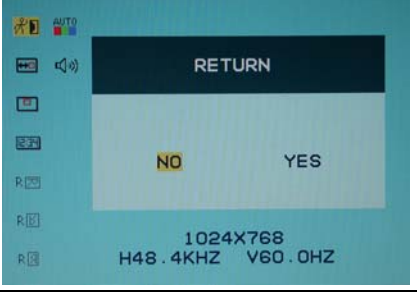
Miscellaneous :


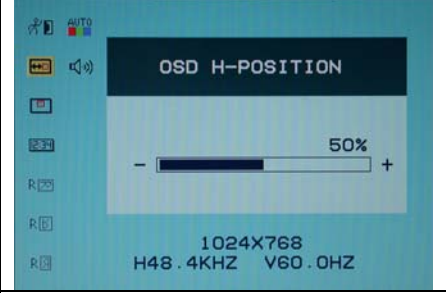



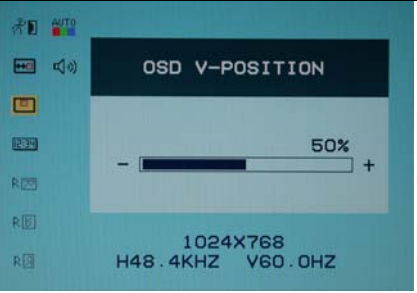
Main menu miscellaneous adjust


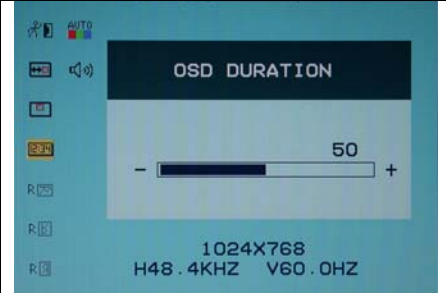
 EXIT : Saving and Leave.	 <p>EXIT OSD</p> <p>NO YES</p> <p>1024X768 H48.3KHZ V60.0HZ</p>
Main menu EXIT adjust	


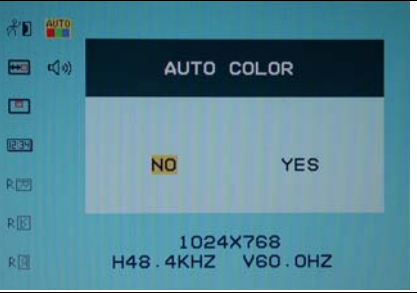
Miscellaneous


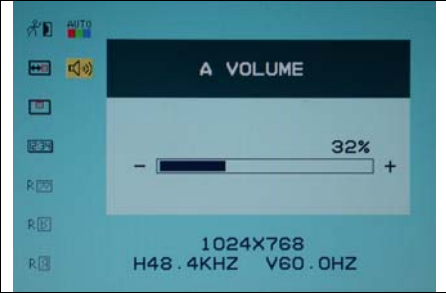
 Return : Return to main menu.	 <p>RETURN</p> <p>NO YES</p> <p>1024X768 H48.4KHZ V60.0HZ</p>
Return	

 Horizontal Position : Adjust the horizontal position of the OSD.	 <p>OSD H-POSITION</p> <p>50%</p> <p>1024X768 H48.4KHZ V60.0HZ</p>
OSD H position adjust	

 Vertical Position : Adjust the vertical position of the OSD.	 <p>OSD V-POSITION</p> <p>50%</p> <p>1024X768 H48.4KHZ V60.0HZ</p>
OSD V position adjust	

 Horizontal Position : Adjust the horizontal position of the display.	 <p>OSD DURATION</p> <p>50</p> <p>1024X768 H48.4KHZ V60.0HZ</p>
OSD duration adjust	

 Auto color : Adjust the color automatically.	 <p>AUTO COLOR</p> <p>NO YES</p> <p>1024X768 H48.4KHZ V60.0HZ</p>
Auto color adjust	

 Volume : Adjust of speaker.	 <p>A VOLUME</p> <p>32%</p> <p>1024X768 H48.4KHZ V60.0HZ</p>
Menu Volume adjust	

DISPLAY MODE

Incoming Display Mode		
Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
640X350	31.475	70.100
640X480	31.469	59.940
640X480	37.500	75.000
720X400	31.469	70.087
800X600	37.879	60.317
800X600	46.875	75.000
1024X768	48.363	60.004
1024X768	60.023	75.029

1. We offer you 8 available modes compatible with Windows.
2. If any interference occurs on your screen while you modulating your PC or OSD. It is normal.
3. To have Best quality present on the PC, remember to upgrade your video card Driver. We strongly recommend you to choose a Mode listed in the table.
4. The other Modes may not be supported that are not list on the table above
5. You may use the power management on your computer. It's good for last service life of the product.

Specification

LCD Panel	Type Viewing Angle Contrast Ratio Brightness Response Time(Tr+Tf) Display Colors Max Resolution Pixel Pitch	15.0" TFT Active Matrix LCD Display H:140° , V:125° 400 : 1 (Typical) 250 cd/m ² (Typical) (14+2) 16 ms 16.7M colors(True color) 1024X768(XGA) 0.297mm(H)x0.297mm(V)
Input Signals	RGB Analog	Video Level:0.7Vp-p(75Ω) Sync TTL with 75Ω internal pull-up resistors Frequency FH:30~62KHz FV:56~75Hz
Compatibility	PC	Up to 1024X768@75Hz(Non-interlaced)
Connector	RGB Analog Audio Power	D-sub 15-pins Stereo Phone Jack, RCA-Jack(L/R)* 12V/DC Power Jack
Power	Voltage Consumption Power saving mode	100-240V, 50/60Hz(universal) via external AC Adapter Active < 35 Watt Max Standby < 3Watt
Internal Speaker		2Wx2(Stereo)
User Interface	LED Indicator	Active - Green Standby - Orange Off - Turn off
Operating Condition	Temperature Air Humidity	5°C~40°C 20% ~ 80% R.H.
Dimensions (W x H x D)	Physical (with Stand)	309mm(H) x 375mm(W) x 59mm(D) 355mm(H) x 375mm(W) x 59mm(D)
Net Weight		4.1Kg
DDC		DDC1/DDC2B Compliant
Power Management		VESA DPMS, EPA Energy Star
Regulation (Certifications)		CE, FCC, VCCI, UL/CUL,BSMI

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