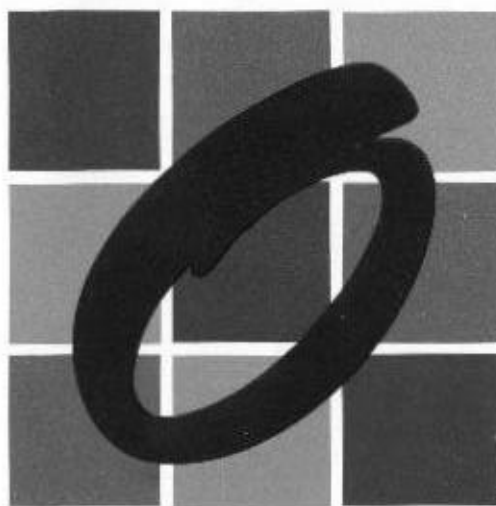


EX5G/5P

EXCELLENCE SERIES

User's Manual



Operlence

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1. INSTRUCTION

1.1 General Information

Welcome to the exciting world of high resolution graphics with your 15" flat screen color display monitor. It is designed to meet the demanding screen performance requirements of today's and business and industry applications. Here are some features & benefits you can enjoy:

- Delivers a large screen area, high resolution, and superb color accuracy
- Operates under most hardware platforms & video standards.
- Adjusts automatically to the scanning frequency of your video card.
- Provides active display area, auto-sizing, auto-centering and perfect geometry.
- Offers flicker-free screen images to reduce eye-strain and fatigue.
- Allows easy screen adjustment with settings stored in memory.
- Gives you a comfortable angle of vision to view monitor.
- Allows you to use the monitor anywhere in the world.

1.2 Important Safety Instruction

1. Please read all of these instructions & save for future use.
2. Follow all instructions & heed all warnings marked on the product.
3. When cleaning, first unplug from power supply. Then use a damp cloth to clean monitor. Avoid liquid cleaners or aerosol cleaners.
4. Do not use product near water.
5. Ensure table is secure before placing monitor.
6. Do not block or cover any slots or openings.
They are used for ventilation; and ensure reliable operation of your monitor.
7. This product should be operated from the type of power source indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
8. This product is equipped with a 3-wire grounding-type plug, a plug having a third (grounding) pin.
This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet.
9. Do not allow anything to rest on the power cord.
Do not locate this product where people will walk on the cord.
10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in risk of fire or electric shock.
Never spill liquid on the product.

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11. Except as explained elsewhere in this manual, do not attempt to service this product yourself. Opening or removing covers that are marked "Do Not Remove" may expose you to dangerous voltage points or other risks. Refer all servicing in these cases to service personnel.
 12. Unplug this product from the wall outlet and refer to qualified service personnel under the following conditions:
 - a. When the power cord or plug is damaged or frayed.
 - b. If liquid has been spilled into the product.
 - c. If the product has been exposed to the rain or water.
 - d. If the product does not function when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - e. If the product has been dropped or the cabinet has been damaged.
 - f. If the product exhibits a distinct change in performance, indicating a need for service.
 13. Replace parts with the same type as those which come with the product. Unauthorized parts may present a risk of fire or explosion.

1.3 FCC Information

NOTE:

This equipment has been tested and found to comply with the limits for a Class B device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be checked by switching the equipment off and on, the user should correct the interference by one or more of the following measures:

- Move the receiving antenna to a different position.
- Move the equipment and receiver apart.
- Connect the equipment into an outlet on a different circuit.
- Consult the dealer or an experienced radio/TV technician for help.

Notice:

- Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- Shielded interface cables and AC power cords, if any, must be used in order to comply with the emission limits.

1.4 Wichtige Sicherheitshinweise

1. Lesen Sie diese Hinweise bis zum Ende.
2. Bewahren Sie diese Hinweise auf für einen späteren Gebrauch.
3. Folgen Sie allen Warnungen und Hinweisen, die auf dem Produkt gekennzeichnet sind.
4. Ziehen Sie den Stecker bevor Sie das Gerät reinigen.
5. Stellen Sie ihr Gerät nicht in der Nähe von Wasser auf.
6. Stellen Sie dieses Product nicht auf eine unsichere Unterlage; es kann herunterfallen und beträchtlich beschädigt werden.
7. Schlitze und Öffnungen im Gehäuse, an der Vorder-und Hinterseite dienen der Belüftung. Vermeiden Sie eine Blockierung oder Abdeckung dieser Öffnung, um das Gehäuse vor Überhitzung zu schützen und einen optimalen Betrieb zu gewährleisten.
8. Dieses Gerät sollte nur in Verbindung mit den auf dem entsprechenden Etikett geschriebenen Energiequellen betrieben werden. Wenn Sie über die verfügbaren Energiequellen unsicher sind, fragen Sie ihren Händler oder die örtlichen Energiewerke.
9. Dieses Product ist ausgestattet mit einem drei-poligen Erdungsstecker, einem Stecker mit einem dritten (Erdungs-) Pol. Dieser Stecker paßt ausschließlich in eine geerdete Steckdose. Dies ist eine Sicherheitsmaßnahme. Sollte der Stecker nicht in die Steckdose passen, bitten Sie ihren Elektriker, die entsprechende Steckdose zu installieren. Versuchen Sie nicht, den Stecker eigenhändig umzubauen.
10. Stellen Sie keine Gegenstände auf das Stromkabel ab. Vermeiden Sie es, das Stromkabel dort zu platzieren, wo andere Personen darüber gehen können.

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11. Stecken Sie niemals Dinge irgendwelcher Art durch Gehäuseöffnung des Monitors. Sie könnten Teile berühren, die unter elektrischer Hochspannung stehen und Kurzschlüsse verursachen, die ein Feuer oder einen Elektroschock verursachen können.
Schütten Sie niemals Flüssigkeit irgendwelcher Art auch immer über das Gerät.
 12. Abgesehen von entsprechenden Hinweisen in diesem Handbuch, versuchen Sie niemals, dieses Produkt eigenhändig zu reparieren. Das Öffnen oder Entfernen solcher Abdeckungen, die mit "do not remove" gekennzeichnet sind, können Sie einer gefährlichen Hochspannung oder anderen Risiken aussetzen.
(Überlassen Sie alle Reparaturarbeiten in diesen Teilen geschultem Wartungspersonal.)
 13. Ziehen Sie den Stecker aus der Steckdose und wenden Sie sich an den Wartungsservice, wenn folgende Umstände gegeben sind:
 - a) Das Stromkabel ist beschädigt.
 - b) Flüssigkeit ist in das Gerät eingedrungen.
 - c) Das Gerät wurde Regen oder Wasser ausgesetzt.
 - d) Das Gerät arbeitet trotz Befolgung der Gebrauchsanweisung nicht fehlerfrei.
In diesem Fall stellen Sie nur jene Schalter ein, deren Handhabung in der Gebrauchsanweisung genannt wird.
Die unsachgemäße Bedienung anderer Schalter kann ihr Gerät beschädigen und umfassende Reparaturarbeiten nach sich ziehen, um ihr Gerät wieder funktionsfähig zu machen.
 - e) Das Gerät wurde fallengelassen oder das Gehäuse beschädigt.
 - f) Das Gerät zeigt deutliche Leistungsschwächen, die eine Reparatur nötig macht.
 14. Verwenden Sie nur Originalersatzteile.
Jegliche andere Teile setzen ihr Gerät der Feuer-oder Explosionsgefahr aus.

* Der arbeitsplatzbezogene Schalldruckpegel gemäß DIN 45 635 Absatz 1000 beträgt 70dB (A) oder weniger."
(The sound pressure level at the operators position according to IEC 704-1: 1982 is equal or less than 70dB (A).)

Technical service warning for X-ray radiation protection:

This product contains electrical and mechanical parts essential for X-ray protection.

For replacement purposes, use only part types shown in the parts list.

Using the right power cord for 240VAC

For units used at 120V:

Use a UL-listed cord set consisting of a minimum No. 18 AWG, Type SVT or SJT, rated 6A/125V, three-conductor cord a maximum of 15 feet in length, and a parallel-blade, grounding-type attachment plug.

For units used at 240V (domestic use):

Use a UL-listed cord set consisting of a minimum No. 18 AWG, Type SVT or SJT, rated 6A/250V, three-conductor cord a maximum of 15 feet in length, and a tandem-blade, grounding-type attachment plug.

For units used at 240V (outside of the U. S.):

Use a cord set consisting of a minimum No. 18 AWG cord and grounding-type attachment plug rated 6A/250V. The cord set should have the appropriate safety approvals for the country in which the equipment will be installed and marked HAR.

2. INSTALLATION

2.1 The Product

Before using this monitor, please make sure that all the items listed below are presented in your package:

- OSD Color Monitor

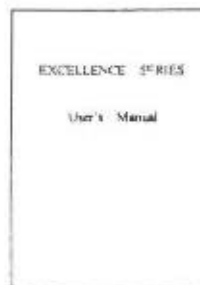


- Tilt/Swivel Base to enable you to position the monitor at the most comfortable viewing angle.

- Power cord



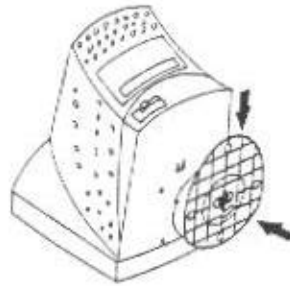
- User's Manual



2.2 Swivel Base Assembly

There are four mounting tabs on the swivel base and six matching insertion slots on the underside of the monitor case.

Assembly is extremely easy. First, align the mounting tabs on the swivel base with the insertion slots on the underside of the monitor case. Then, slide the swivel base towards the front of the monitor until the mounting tabs are firmly interlocked in the insertion slots.



2.3 Connecting

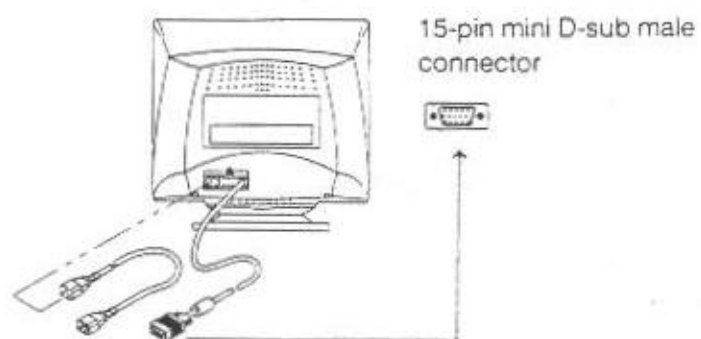
The procedure of setting up your OSD monitor as follows:

1. Power off
Switch off the power to both your monitor and your computer. The location of the power switch is on the lower right corner of the monitor.
2. Power Cable Connection
Connect one end of the main power cord to main power socket at the rear of the monitor, and connect the other end of the cord to the main power supply.



3. Signal cable connection

The monitor has a built-in signal cable with a male 15-pins mini D-sub connector. Simply attach this connector to the female 15-pins receptable of your video adapter. Secure the connection with screws on the connector.



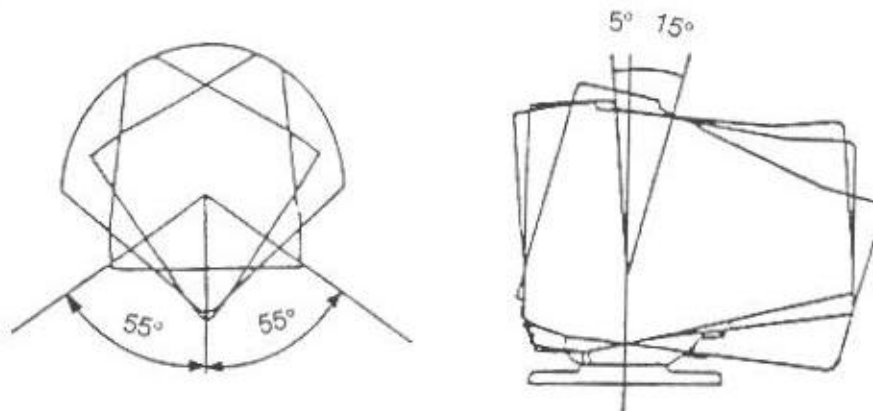
NOTE:

This monitor is set to operate using a 100-240 VAC, 60/50Hz power supply. If the voltage in your home is different from this, consult your dealer.

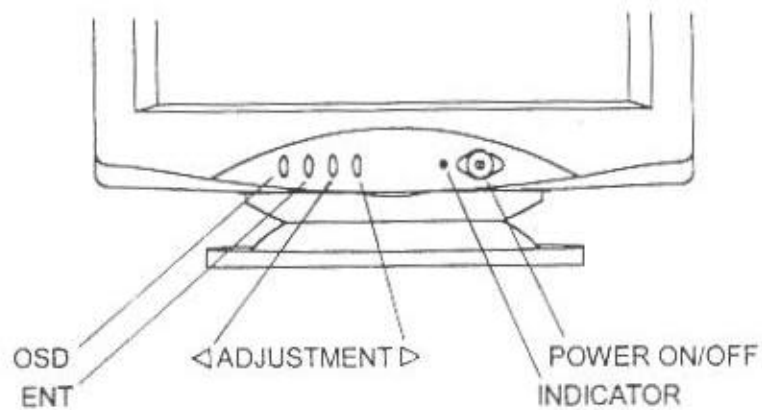
3. OPERATING INSTRUCTION

ADJUSTING THE TILT-SWIVEL BASE:

1. The tilt-swivel base can be adjusted for your maximum viewing Comfort; it can be adjusted through angles of 110° horizontally and 20° vertically.



FRONT PANEL CONTROLS 1:



1. Power on/off Switch

Press this button to turn the power ON or OFF.

2. Power Indicator LED

This indicator should be light up with green color when the power is on if the power gets into power saving condition, the indicator will turn to yellow color.

3. OSD

Press this key to activate the OSD function window or off.

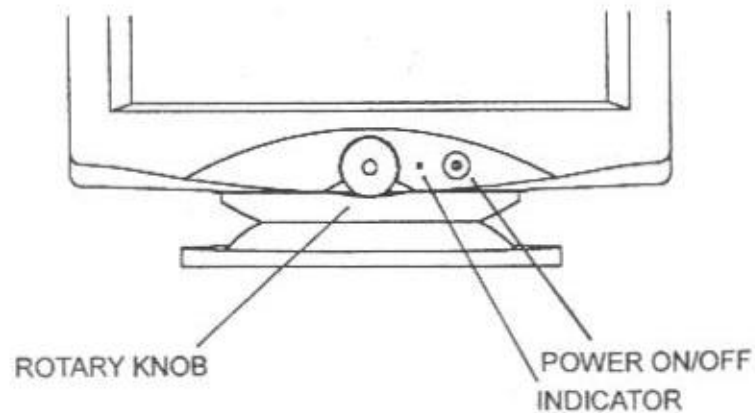
4. ADJ

Press these two keys to select a OSD function or adjust the selected function.

5. ENT

Press this key to enter the selected function.

FRONT PANEL CONTROLS 2:



1. Power on/off Switch

Press this button to turn the power ON or OFF.

2. Power Indicator LED

This indicator should be light up with green color when the power is on
if the power gets into power saving condition, the indicator will turn to
yellow color.

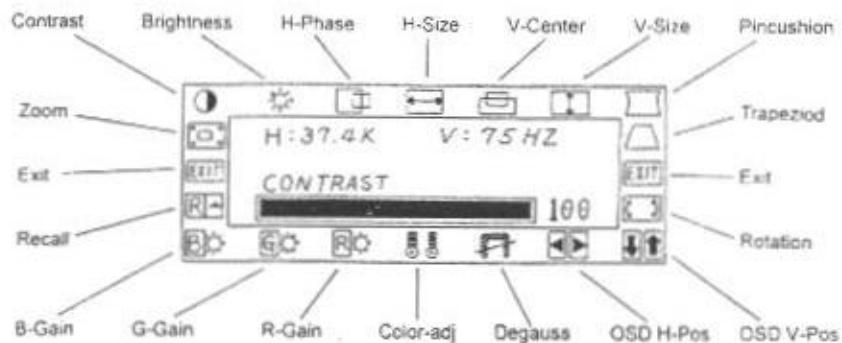
3. ROTARY KNOB

3-1 Press this KNOB to activate the OSD function window or off.

3-2 Turn this ROTARY KNOB to select a OSD function or adjust the
selected function.

3-3 Press this KNOB to enter the selected function.

OSD Functions



4.DISPLAY DATA CHANNEL

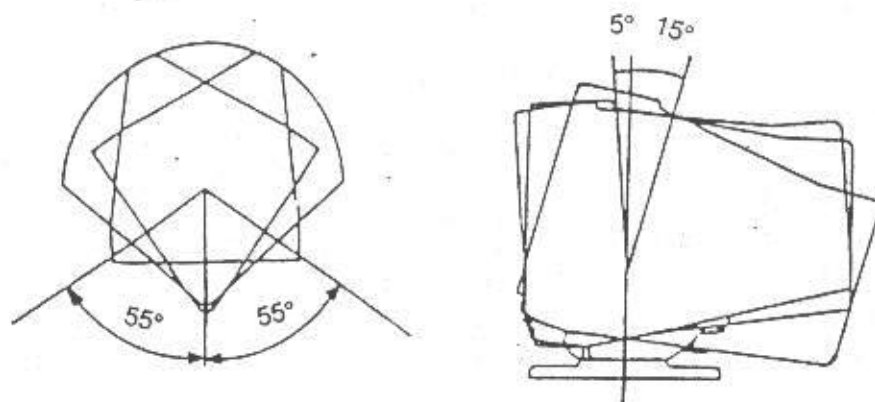
APPENDIX A: SPECIFICATIONS

CRT	15"(14.0 Viewable),90 degree non-glare, Flat Square, Invar Shadow Mask
Dot Pitch	0.28mm
Display Size	270x220mm
Input Signal	Video: 0.7Vpp/75 ohm positive Sync: TTL Positive/Negative
Dot Rate	110MHz
Max Resolution	1280x1024 Non-interlaced
Scanning Frequency	Fh: 30KHz ~ 70KHz Fv: 50Hz ~ 120Hz
Preset Mode	640x480 @60/75/85 Hz 800x600 @75/85 Hz 1024x768 @60/70/75/85 Hz 1280x1024 @65Hz (tested with S3 775/765 VGA, 2MB RAM)
User's Control	OSD Control
Power Supply	100 ~ 240 VAC, 50/60Hz, Full Range
Power Consumption	110W
Power Saving	Under 30W for Suspend Under 8W for off
PnP Compatibility	VESA DDC1/2B
Safety	UL,CUL,TUV/GS,MPRII,FCC-B,CE,DHHS
Power Management	EPA
Option	TCO92"

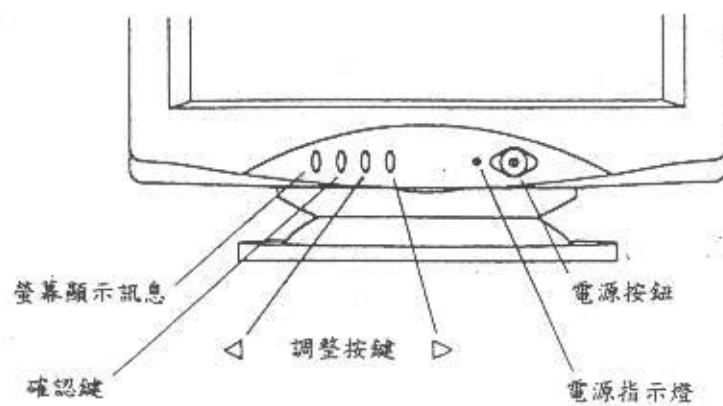
操作說明：

底座轉盤調整：

底座轉盤可調整的最大空間，為水平方向可左右旋轉 55° ，
垂直方向可上下調整 20°



面框操作說明 1：



1. 電源按鈕

輕輕觸摸此按鈕即可啟動電源或關閉電源。

2. 電源指示燈

綠燈亮時表示電源開起，黃燈亮時表示進入省電模式。

3. 螢幕顯示訊息

按此鍵能顯示螢幕所有可調整的功能畫面，或關閉該畫面。

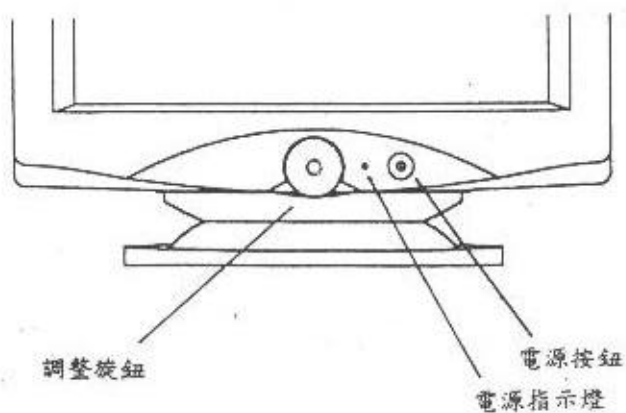
4. 調整按鍵

按此按鍵可依螢幕顯示訊息選擇所需要調整的功能或調整該功能的變化值。

5. 確認鍵

按此按鍵為確認所需要調整的功能。

面框操作說明 2:



1. 電源按鈕

輕輕觸摸此按鈕即可啟動電源或關閉電源。

2. 電源指示燈

綠燈亮時表示電源開起, 黃燈亮時表示進入省電模式。

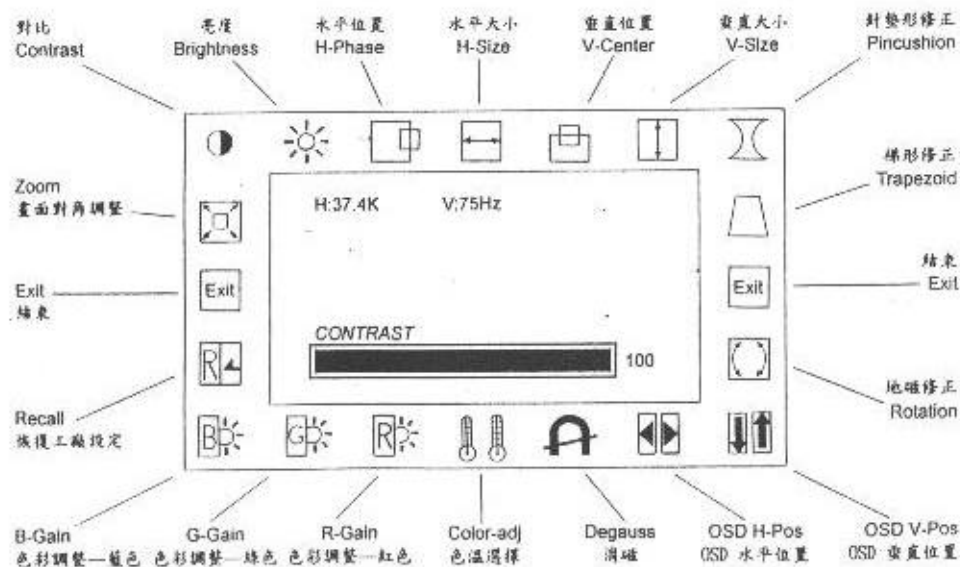
3. 調整旋鈕

3-1. 按此旋鈕能顯示螢幕所有可調整的功能畫面, 或關閉該畫面。

3-2. 旋轉此旋鈕可依螢幕顯示訊息選擇所需要調整的功能或調整該功能的變化值。

3-3. 按此旋鈕為確認所需要調整的功能。

螢幕顯示訊息功能說明



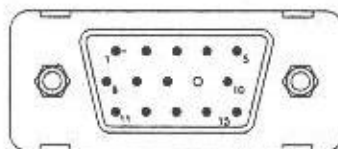
規格表

映像管	15 吋(可視區 14.0 吋對角線),偏向角度 90°,平面直角,抗眩光表面處理,抗靜電.
點距	0.28 mm
顯示尺寸	270X220 mm (工廠設定模式)
輸入訊號	視頻:0.7Vpp/75 歐姆正向 同步信號:TTL 正向/負向
頻寬	110MHZ
最高解析度	1280X1024 非交錯式掃描
掃描頻率	水平: 30 KHz ~ 70 KHz 垂直: 50 Hz ~ 120 Hz
工廠設定值	640X480 @60/75/85 Hz 800X600 @75/85 Hz 1024X768 @60/70/75/85Hz 1280X1024 @65Hz (測試使用 S3 775/765 VGA, 2MB RAM)
使用者調整	視窗顯示功能調整
輸入電源	110 ~ 240 VAC, 50/60Hz
消耗功率	110 瓦
省電效能	暫停模式 30 瓦以下 停止狀態 8 瓦以下
隨插即用	VESA DDC1/2B
安規	UL,CUL,TUV/GS,MPRII,FCC-B,CE,DHHS
電源管理	符合 EPA
安規選項	TCO 92"

APPENDIX B : Pin Assignment

Pin	Description	Pin	Description
1	Red	9	No-Connection
2	Green	10	Ground
3	Blue	11	Ground
4	Ground	12	Bi-Directional Data(SDA)
5	Ground -	13	H. Sync.
6	Red Rtn	14	V. Sync.
7	Green Rtn	15	Data Clock (SCL)
8	Blue Rtn		

D-SUB Type 15P



Note : Pin 12 & Pin 15 are for DDC USE ONLY.

APPENDIX C : Resolution

Item	Timing Mode	Horizontal		Vertical	
		Frequency(KHz)	Pol.	Frequency(Hz)	Pol.
1	IBM 640 X 350	31.47	+	70.00	-
2	IBM 640 X 400	31.47	-	70.00	+
3	IBM 640 X 480	31.47	X	60.00	X
4	VESA 640 X 480	37.50	X	75.00	X
5	VESA 640 x 480	37.86	X	72.80	X
6	VESA 800 X 600	37.88	X	60.30	X
7	VESA 800 X 600	46.87	X	75.00	X
8	VESA 800 X 600	48.08	X	72.20	X
9	VESA 1024 X 768	48.36	X	60.00	X
10	VESA 1024 X 768	56.48	X	70.10	X
11	VESA 1024 X 768	60.02	X	75.00	X
12	VESA 1280 X 1024	63.98	X	60.00	X
13	VESA 1024 X 768	68.68	X	85.00	X

(Factory preset MODE)

