

SyncMaster 2233RZ

LCD Monitor



/



가
가



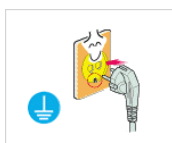
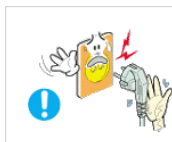
PC

(DPM)

가



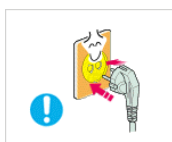
가



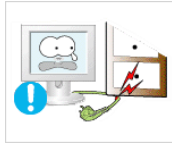
가
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가

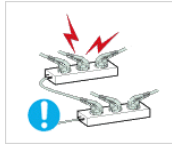


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가

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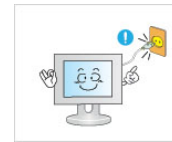
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가



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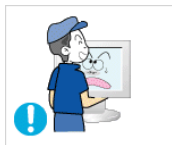
가

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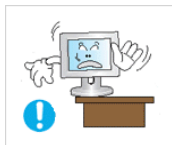
가

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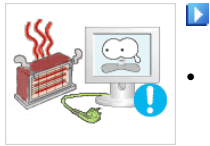


•

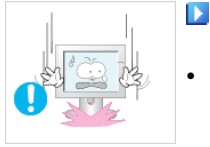
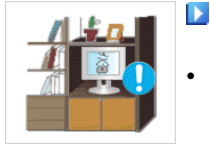
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가



가



가



가

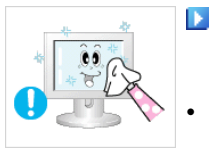
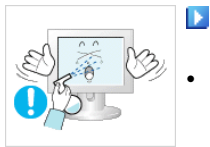


(10 cm)



가

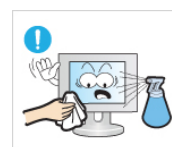
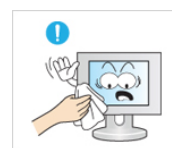
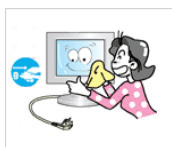
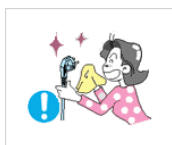
가



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1:10



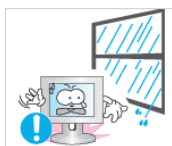
가



가



가

 $(\quad),$

가

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가



가



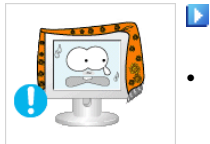
•

, 가



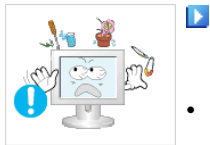
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가



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가

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가



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1 5 가



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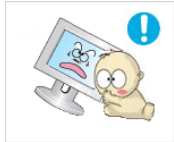
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가

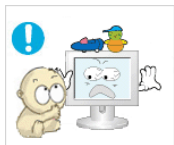
가



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가

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가

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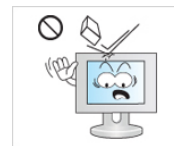


•



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가



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가

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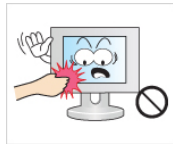
가 가

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가



가



가



가 가



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45~50 cm,

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90

90

가



3D

3D

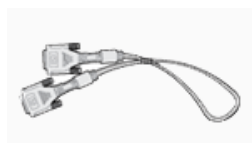
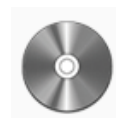
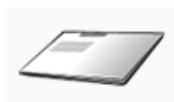
, 3D

nVidia

()

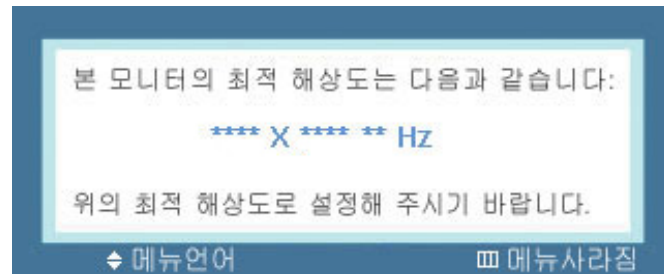
3D

nVidia



DVI





/
40



PC

PC



1 MENU [MENU]

OSD

OSD

OSD

2 [G]

>>

3 [☐]

>>

2,3 [▲/▼]

OSD

4 [Ⓜ]

5 [Ⓜ]



> 가

6 [⏻]

7



1 (POWER)

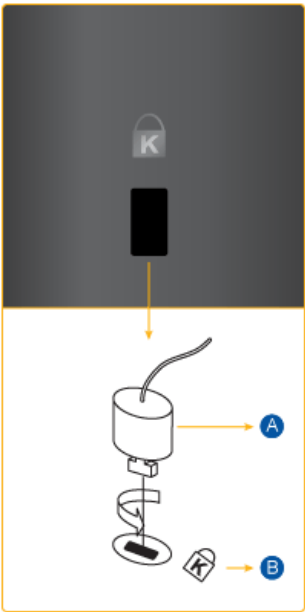


2 DVI (DVI IN)



DVI DVI DVI IN PC
(DVI PC
)
DVI with HDCP : Single Link Mode(60Hz)
HDCP
(Dual Link)

3 Kensington Lock



1. A B
2.
3.

4





1

220V 110V

(.)

2

2-1

DVI()

• DVI DVI IN DVI



[DVI IN]

2-2

• DVI DVI IN DVI





-1° to 16°

.(± 1.0 °)

100 mm x 100 mm

VESA



A

B

()

1.

2.

3.

4.

)

4

(

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•

• VESA

가

(WALL MOUNT)

• VESA

가

•

,

가



•

(WALL MOUNT)

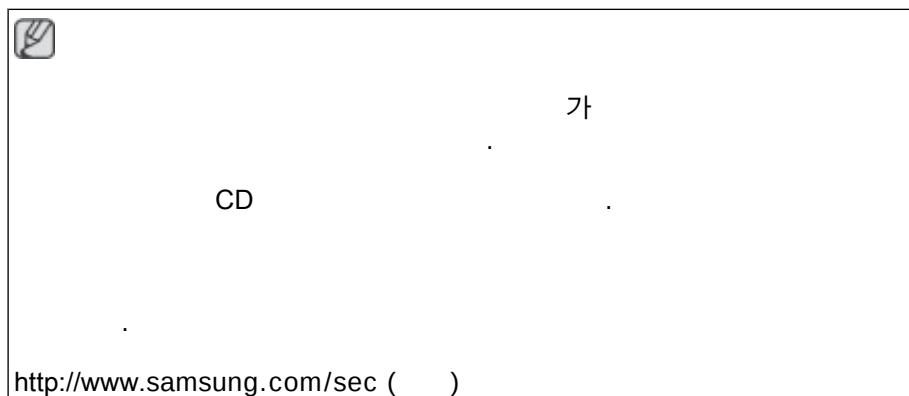
10 cm

•

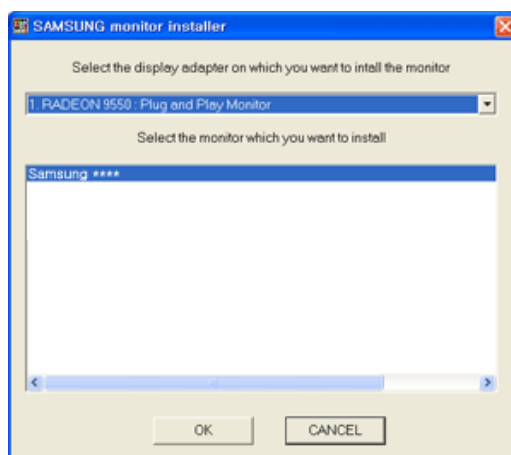
가

•

Wall Mount



1. CD CD-ROM
2. "Windows"
- 3.



4. dows® XP/2000). (Microsoft® Win-





MS

<http://www.samsung.com/sec>

5. 가

Microsoft® Windows Vista™,

1. CD CD-ROM

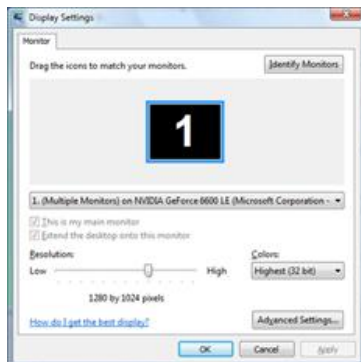
2. " () " " " " "



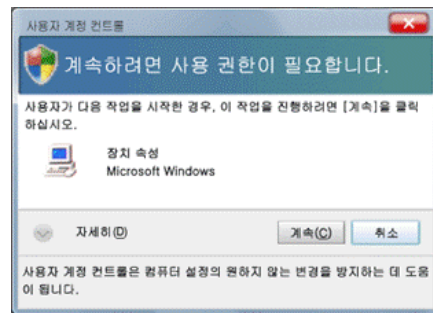
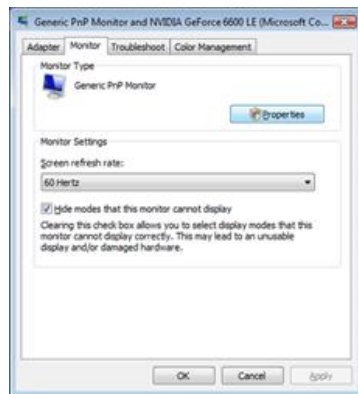
3. " " " "



4. " "



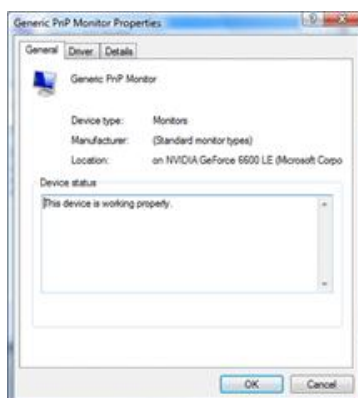
5. " " " " " "



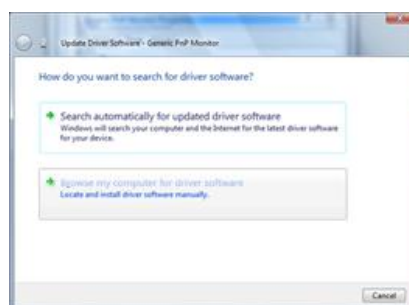
MS

<http://www.samsung.com/sec>

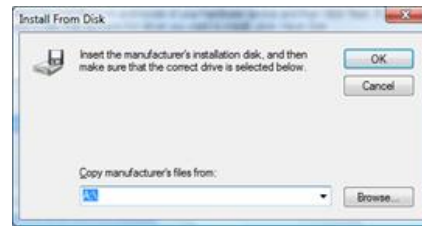
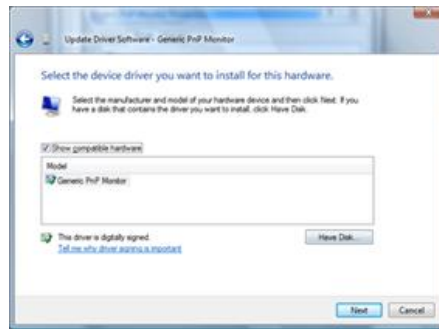
6. " " " "



7. " " " "



8. " " (:D:\Drive)

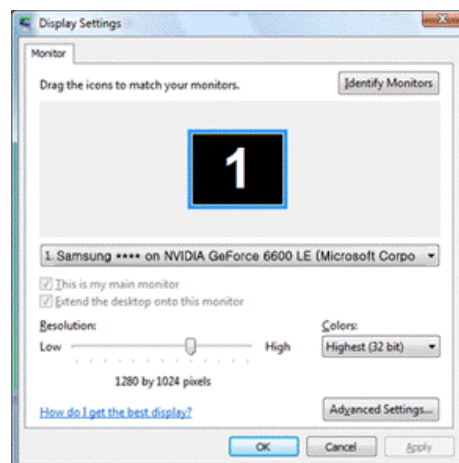
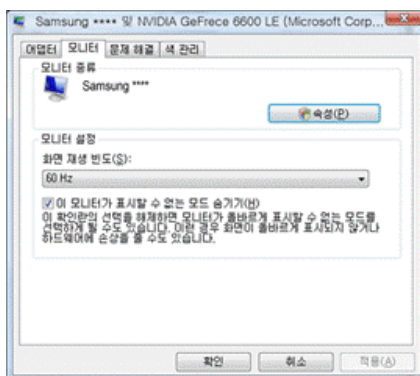
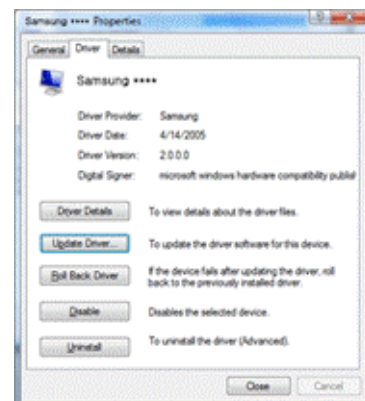
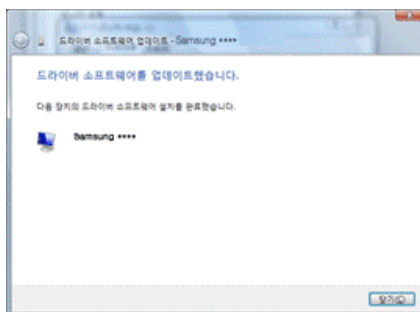


9.

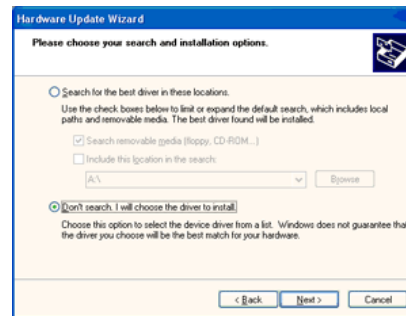
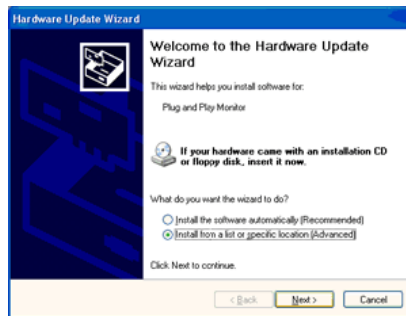
“ ”



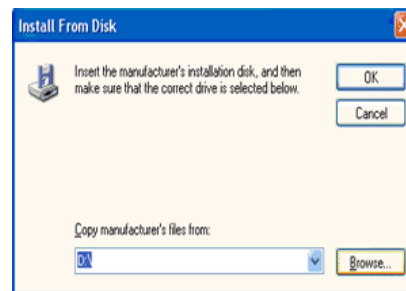
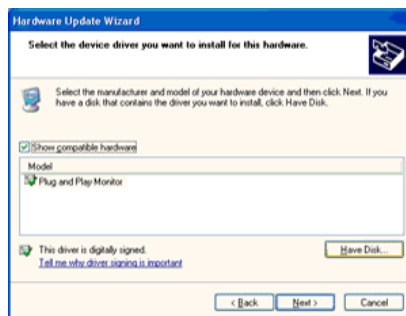
10. “ ” → “ ” → “ ” → “ ”



Microsoft® Windows® XP



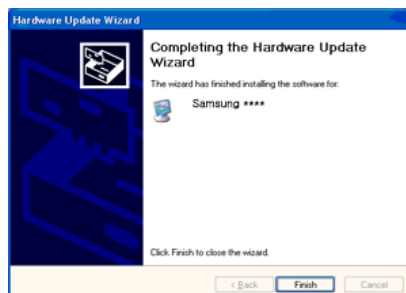
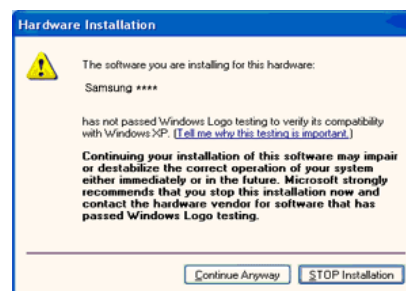
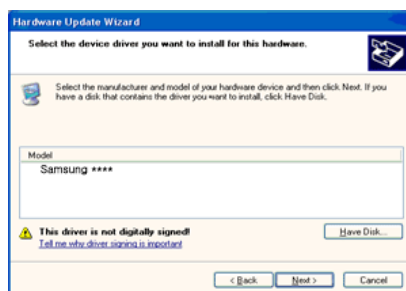
7.



MS

<http://www.samsung.com/sec>

8.



Microsoft® Windows® 2000

-
1. " " " " .
 2. " " " " .
 3. A:\(,D:\Driver) " " .

1. " " → " " → " " .
2. " " .
3. " " → " " → " " .
4. " " .
5. " " " " → " " .
6. " " " " .
7. " " " " .
8. A:\(,D:\Driver) " " → " " .
9. " " → " " .
10. " " .
" " " " .
" " .

Microsoft® Windows® Me (Millennium)

1. " " → " " → " " .
2. " " .
3. " " .
4. " " .
5. " .." " " .
6. " " " " .
7. " " " " .
8. A:\(,D:\Driver) " " → " " .
9. " " → " " .
10. " " .

Microsoft® Windows® NT

1. " " → " " → " " " " .
-

2. " " " " " "

3. (, ,) " " .



Linux

X-Window 가

X86Config

X86Config

1. X86Config

"Enter"

2.

3.

4.

5. " .." " "

6. . (가 .)

7. . (가 .)

8.

X-Window

9.

X-Window

MultiScreen



MultiScreen

1. CD CD-ROM .

2. MultiScreen .



Screen

CD Rom Multi-

3. " " .

4. " " " " .

5. " " .

6. " " .

7. .

8. " " .

9. 가 MultiScreen .

MultiScreen

F5 Key .

(MultiScreen)

MultiScreen , , .

OS

- Windows 2000
 - Windows XP Home Edition
 - Windows XP Professional
 - Windows Vista™
-

MultiScreen	Windows® 2000	.
-------------	---------------	---

- 32MB
- 60MB

[] []/[] , [가/] .
MultiScreen [가/] .

OSD



OSD

: 5 OSD

: 5 OSD



OSD



가 []

(MagicBright -)



> 가



OSD

MagicBright

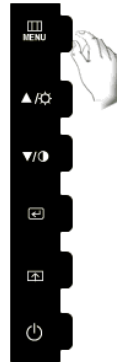


OSD



(MagicBright

.)



MENU → [Left Arrow] → [Right Arrow] → ▲, ▼ → MENU

(MagicBright



MENU → [Left Arrow] → ▲, ▼ → [Right Arrow] → ▲, ▼ → MENU

MagicBright



가

MagicBright , , , , ,

7가

가

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•

(+) 가

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•

•

(, DVD, TV)
가 . Video CD.

•

MENU → [Left Arrow] → ▲, ▼ → [Right Arrow] → ▲, ▼ → MENU



(MagicBright .)



4가

•

가

•

- -
 - 가
- MENU → ▲, ▼ → [] → ▲, ▼ → [] → ▲, ▼ → MENU



- MENU → ▲, ▼ → [] → ▲, ▼ → [] → ▲, ▼ → [] → ▲, ▼ → MENU



가

- 1
 - 2
 - 3
- MENU → ▲, ▼ → [] → ▲, ▼ → [] → ▲, ▼ → MENU



MENU → ▲, ▼ → [Left Arrow] → [Right Arrow] → ▲, ▼ → MENU

 OSD



-
- English



MENU → ▲, ▼ → [Left Arrow] → [Right Arrow] → ▲, ▼ → MENU



MENU → ▲, ▼ → [Left Arrow] → ▲, ▼ → [Right Arrow] → ▲, ▼ → MENU



- 5
- 10
- 20
- 200

MENU → ▲, ▼ → [left arrow, right arrow] → ▲, ▼ → [left arrow, right arrow] → ▲, ▼ → MENU



-
-

MENU → ▲, ▼ → [left arrow, right arrow] → [left arrow, right arrow] → ▲, ▼ → MENU



가



MENU → ▲, ▼ → ◀ → ▲, ▼ → ▶ → ▲, ▼ → MENU



MENU → ▲, ▼ → ◀ → ▲, ▼ → ▶ → ▲, ▼ → ◀ → ▲, ▼ → MENU



wide PC

MENU → ▲, ▼ → ◀ → ▲, ▼ → ▶ → ▲, ▼ → MENU



MENU → ▲, ▼ → MENU



가 , 가
가 ,

- 1.
- 2.
- 3.

가

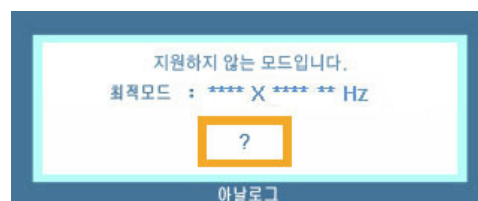


- 4.

가

가

가



가

1m

PC

PC

가

1

" : 1680 x 1050 120 Hz"

가

"3

"



Q: ?

A:

Q: " " 가 ?

A: (DVI)

가 가

가

[] 가

Q: ()



A:

()

()

Q: " " : 1680 x 1050 120 Hz" 가

?

A: 가

A:

A: SXGA 75 Hz " " : 1680 x 1050
120 Hz"가 85 Hz " " : 1680 x
1050 120 Hz"가 1

1

(.)

Q: 1 ?

A: .

A: .

A: [↩]

Q: DVI ?

A: DVI ,
DVI 가

DVI .

Q: ?

A: [MENU / ⏏] 5 .

Q: 가 가 ?

A: .

Q: ?

A: .

Q: 가 ?

A: .

가 .

Q: ?

A:

Q: ?

A: .

()

Q: 가 ?

A: .

Q: ?

A: .
()

LED 가

Q: Display Mode 가 가 ?

A: .
(가 .)

16

Q: ?

A: Windows ME/XP/2000 : " → → "

Q: 가 ?

A: .
' , Plug&Play(VESA DDC) .' 가

Q: ?

A: .

Q: Plug&Play(VESA DDC)

A: .

.

3 .
(" " 가 3 .)

PC .

56 Hz ~ 75 Hz .
(, 75 Hz)

" → → "



가 .

Q: ?

A: .

A:

(.)

Q: ?

A: Windows XP : → → → .

A: Windows ME/2000 : → → .

Q: ?

A: Windows XP : → → →
BIOS SETUP .

A: Windows ME/2000 : → → BIOS
SETUP .

/

Q: /LCD ?

A: .

, LCD 가 ,
가 .

SyncMaster 2233RZ	
CM22WS	
LCD	
22 (55 cm)	
473.76 mm (H) x 296.1 mm (V)	
0.282 mm (H) x 0.282 mm (V)	
30~135 kHz	
56~75 Hz, 120 Hz	
16.7M	
1680 x 1050@120 Hz	
1680 x 1050@120 Hz	
,	
DVI(Digital Visual Interface)	RGB
0.7 Vp-p ± 10%	
245 MHz ()	
AC 100 - 240 V~ (+/- 10 %), 50/60 Hz ± 3 Hz	
DVI-D to DVI-D	
(x x)/ ()	
516.8 x 372.7 x 71.2 mm ()	
516.8 x 421.3 x 208.7 mm () / 5.2 kg	
(VESA Stand)	
100 mm x 100 mm	
: 10°C ~ 40°C (50°F ~ 104°F)	

: 10 % ~ 80 %,
: -20°C ~ 45°C (-4°F ~ 113°F)
: 5 % ~ 95 %,

가

LCD Panel 1ppm(1)

LCD Sub Pixel : 22 (55 cm) : 5,292,000



B

(가)

가 (B)

. (B A

.)

가 ,

50 w 1 w 1 w



가

"0" Watt 가



ENERGY STAR

가
가

	(kHz)	(Hz)	(MHz)	($\frac{1}{H/V}$)
VESA, 1680 x 1050	64.670	59.883	119.000	+/-
1680 x 1050	129.6	120.000	238.464	+/-
1680 x 1050	118.880	110.000	218.592	+/+
1680 x 1050	108.000	100.000	198.720	+/+



1

fresh Rate

가

가

Line

. kHz

, Re-

Hz

가 가 .



- 1588 - 3366
- 02-541-3000
- 080-022-3000
- <http://www.samsung.com/sec>

가

- <http://www.samsungsvc.co.kr>

가 가



() . TFT-LCD 가

- : 1680 x 1050
 - () : 120 Hz
-

+ LCD Panel 1ppm(1)

- LCD Panel Sub Pixel : 22 (55 cm): 5,292,000

+ 가
가

+ " " 가

+ .

-

+ TFT-LCD CDT 가 가
가

()

LCD TV

LCD

+ .

+ 가?

LCD

2

가

. LCD

LCD

+ , ,

)

-

- 20 4

- 12 2

-
-

• 가 .

$$), \quad , \quad , \quad ,$$
$$) \quad : 1 \quad 1$$

(2가)

) 2가 30

The diagram illustrates two tables, Type 1 and Type 2, connected by a double-headed arrow. Type 1 is a table with columns FLGHT and TIME, containing rows OZ348 and UA102. Type 2 is a table with columns FLGHT and TIME, containing rows OZ348 and UA102.

FLGHT	TIME
OZ348	20:30
UA102	21:10

FLGHT	TIME
OZ348	20:30
UA102	21:10

가 .

- 가 (,) .

SYSTEM : 245
STATUS : NG

- 가

- 30

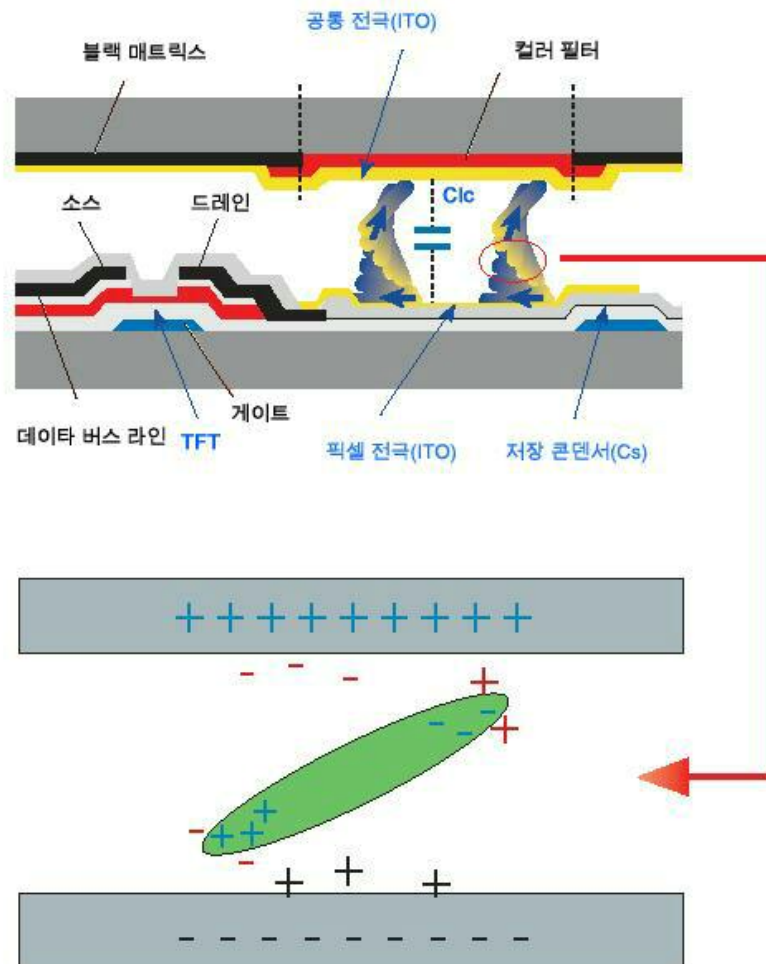
SYSTEM : 245
STATUS : OK

• 30 •



LCD 가

(12) LCD , (LC) 가



LCD

ISO13406-2 Pixel fault Class II

가

SyncMaster



Box

<http://www.samsung.com/sec>

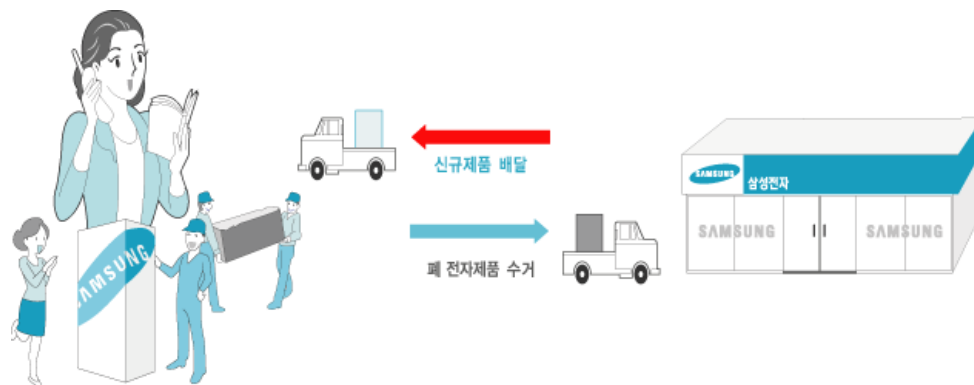
...

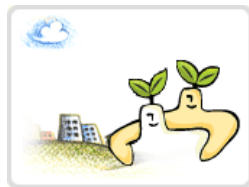
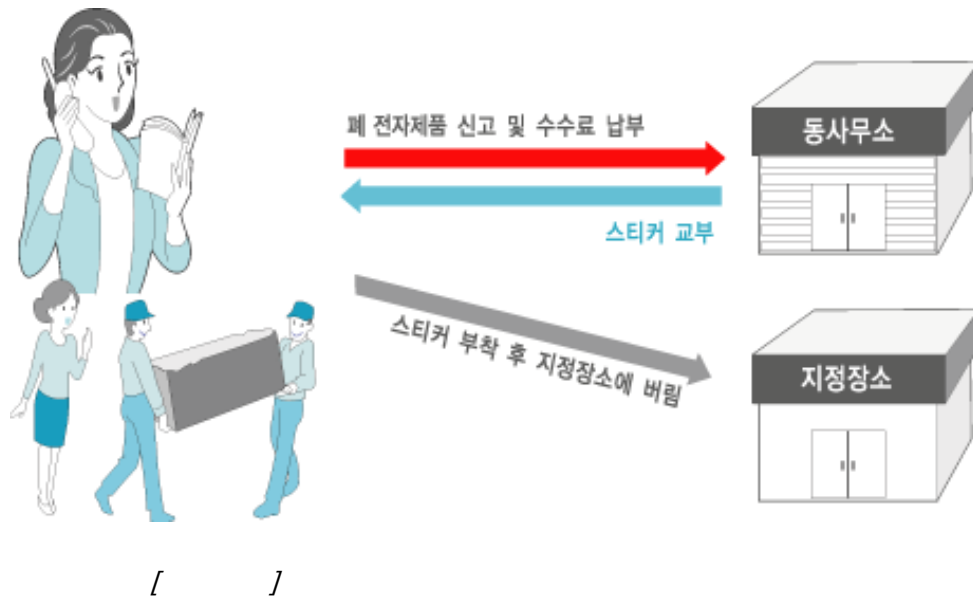
<http://www.samsung.com/sec>

가

(,)

SyncMaster





1992 6

1996 5 []

(Dot Pitch)

가 . 가 가 가
가 mm .
가 1
1 Refresh
Rate , Hz .
: 1 60 60 Hz
가 Line
kHz .

(Non-inter-
(In-
lace)
terlace)

가
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(,

TV

가

Play) (Plug & 가 가 VESA
DDC

가 가

: 가 1680 x 1050 (가 1680 ()) 1050



UL 2601-1/IEC 60601-1

I , 가 가
가 가 가
가

EMC

IEC 601-1-2:1994

가 , 가 가
가 가

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- ()
-

Video In / RS 232 / Video Out

IEC (, IEC 950) IEC 601-1
IEC 601-1-1

IEC 601-1-1

: -40°C +70°C

: 10 - 95 %,

2009

()

() 가

SAMSUNG SyncMaster ()

Microsoft, Windows Windows NT Microsoft()

VESA, DPM DDC Video Electronics Standard Association

ENERGY STAR (名) (U.S. Environmental Protection Agency)

ENERGY STAR () , ENERGY STAR
