

Dell™ E2009W/E2209W



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Dell Inc.

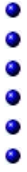
: Dell Dell Inc, Microsoft, Windows Windows NT Microsoft Corporation, Adobe Adobe Systems Incorporated ENERGY STAR U.S.
Environmental Protection Agency ENERGY STAR Dell Inc. ENERGY STAR

Dell Inc.

E2009Wt,E2009Wf, E2209Wf, E2209Wc.

2008 Rev. A00

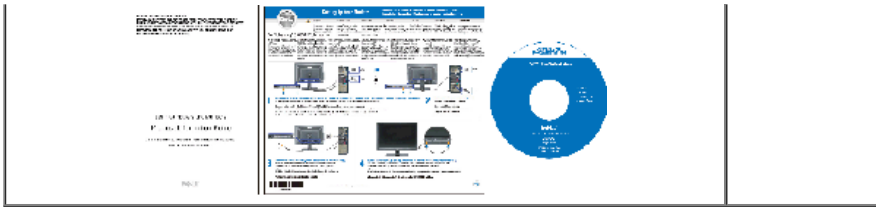
Dell™ E2009W/E2209W



Dell

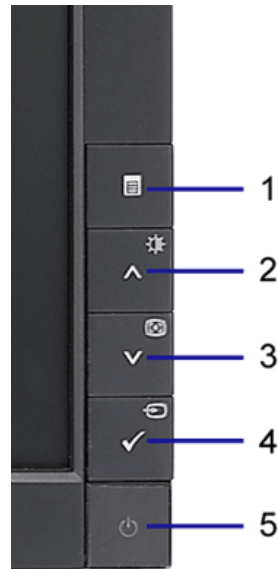


	<ul style="list-style-type: none">•
	<ul style="list-style-type: none">•
	<ul style="list-style-type: none">• VGA
	<ul style="list-style-type: none">• DVI
	<ul style="list-style-type: none">•••

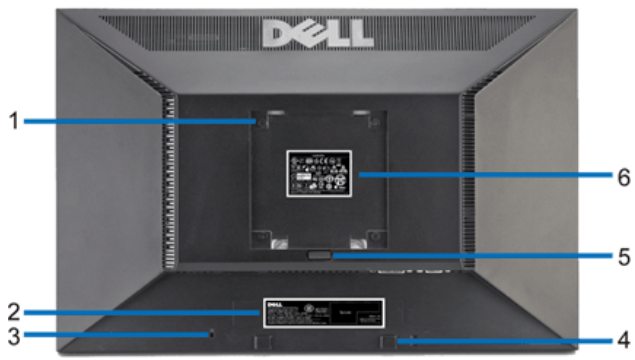


Dell™ E2009W/E2209W (LCD) (TFT) :

- **E2009W:**20-inch (508 mm) viewable area display.
- **E2209W:**22-inch (558.68 mm) viewable area display.
- 1680 x 1050,
-
-
-
- (OSD)
- (INF), (ICM)
- Energy Star
-

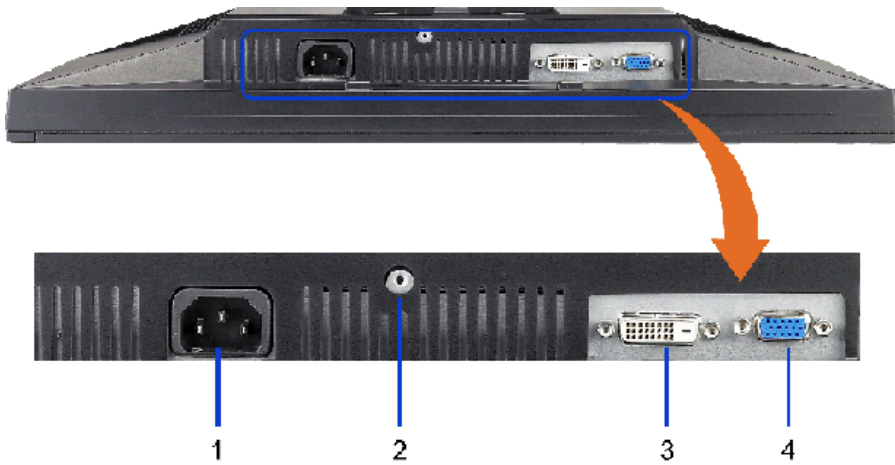


- | | |
|---|-----|
| 1 | OSD |
| 2 | (+) |
| 3 | (-) |
| 4 | |
| 5 | |



-
- 1 VESA (100 .)
(VESA)
 - 2
 - 3
 - 4
 - 5
 - 6
 - 7
-





-
-
- 1
 - 2
 - 3 DVI
 - 4 VGA
-

E2009W	E2209W
- TFT LCD	- TFT LCD
TN	TN
20 (20)	22 (22)
433.44 . (17.06)	473.76 . (18.7)
270.90 . (10.67)	296.1 . (11.7)
0.258	0.282
160 (), 170 ()	160 (), 170 ()
300 CD/ ()	300 CD/ ()
1000 1 ()	1000 1 ()
3H	3H
CCFL (4)	CCFL (4)
5 ms	5 ms
() 72%*	72%**

* E2009W () CIE1976 (85%) CIE1931 (72%)

** E2209W () CIE1976 (85%) CIE1931 (72%)

E2009W/E2209W

30 kHz 83 kHz ()
 56 Hz 75 Hz ()
 1680 x 1050 60 Hz
 1680 x 1050 60 Hz

	(kHz)	(Hz)	(MHz)	(/)
VESA, 720 x 400	31.5	70.0	28.3	-/+
VESA, 640 x 480	31.5	60.0	25.2	-/-
VESA, 640 x 480	37.5	75.0	31.5	-/-
VESA, 800 x 600	37.9	60.0	40.0	+/+
VESA, 800 x 600	46.9	75.0	49.5	+/+
VESA, 1024 x 768	48.4	60.0	65.0	-/-
VESA, 1024 x 768	60.0	75.0	78.8	+/+
VESA, 1152 x 864	67.5	75.0	108.0	+/+
VESA, 1280 x 1024	64.0	60.0	135.0	+/+
VESA, 1280 x 1024	80.0	75.0	135.0	+/+
VESA, 1680 x 1050	65.2	60.0	146.3	-/+
VESA, 1680 x 1050	64.6	60.0	119.0	+/-

E2009W/E2209W

RGB, 0.7 +/-5%, 75
DVI-D TMDS, 600mV, 50

, TTL, SOG (SYNC)

AC / /

100 240 VAC / 50 60 Hz \pm 3 Hz /2.0A ()

120V:40A ()
240V:80A ()

E2009W

D-subminiature 15 , ; DVI-D,

: , DVI-D, ,

: , D-Sub, 15 ,

14.96 (380.0)

18.5 (470.0)

6.24 (158.5)

12.1 (310.0)

18.5 (470.0)

2.76 (70.0)

11.34 (288.0)

10.26 (260.5)

6.24 (158.5)

14.15 (6.42)

E2209W

D-subminiature 15 , ; DVI-D,

: , DVI-D, ,

: , D-Sub, 15 ,

16.04 (407.3)

20.13 (511.2)

6.44 (163.9)

13.15 (334.0)

20.13 (511.2)

2.54 (64.5)

12.01 (305.0)

10.47 (265.9)

6.44 (163.7)

16.76 (7.62)

O

O

	10.80 (4.90)	13.16 (5.98)
(VESA -)	8.10 (3.68)	11.92 (5.41)
	2.64 (1.20)	2.73 (1.24)

Characteristics

E2009W/E2209W	
Resolution	5 35 (41 95)
Horizontal sync	: -20 60 (-4 140)
Vertical sync	: -20 60 (-4 140)
Refresh rate	10% 80% ()
Power consumption	: 5% 90% ()
	: 5% 90% ()
Power consumption (typical)	3,657.6 . (12,000)
Power consumption (maximum)	12,192 . (40,000)
Power consumption (idle)	256.05 BTU/ ()
Power consumption (standby)	153.6 BTU/ ()

PC DPM™ VESA, , :

E2009W

VESA	
Power consumption (typical)	38 W ()/43 W ()
Power consumption (maximum)	2 W
Power consumption (idle)	1 W

E2209W

VESA	
Power consumption (typical)	40 W ()/45 W ()
Power consumption (maximum)	2 W
Power consumption (idle)	1 W

OSD - , :

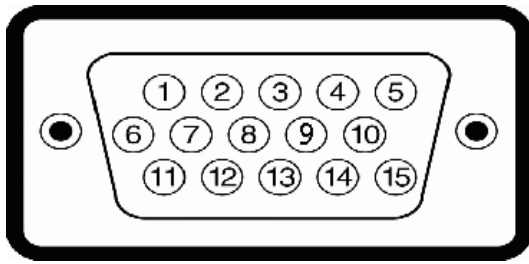
OSD .



 : ENERGY STAR® - TCO '99/TCO '03.

*

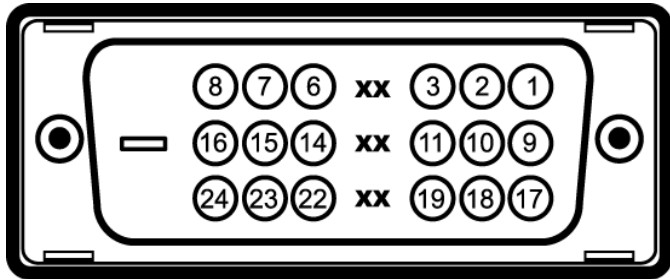
VGA



15

1	-
2	-
3	-
4	GND
5	
6	GND-R
7	GND-G
8	GND-B
9	DDC +5V
10	GND
11	GND
12	DDC
13	H-
14	V-
15	DDC

DVI



24

1	T.M.D.S. 2-
2	T.M.D.S. 2+
3	T.M.D.S. 2
4	
5	
6	DDC
7	DDC
8	
9	T.M.D.S. 1-
10	T.M.D.S. 1+
11	T.M.D.S. 1
12	
13	
14	+5V
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	

16
17 T.M.D.S. 0-
18 T.M.D.S. 0+
19 T.M.D.S. 0
20
21
22 T.M.D.S.
23 T.M.D.S. +
24 T.M.D.S. -

(EDID) (DDC)

& LCD

LCD
1 5 Dell : support.dell.com



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Dell™ E2009W/E2209W

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 - [D](#)
 -
 - [D](#)
-



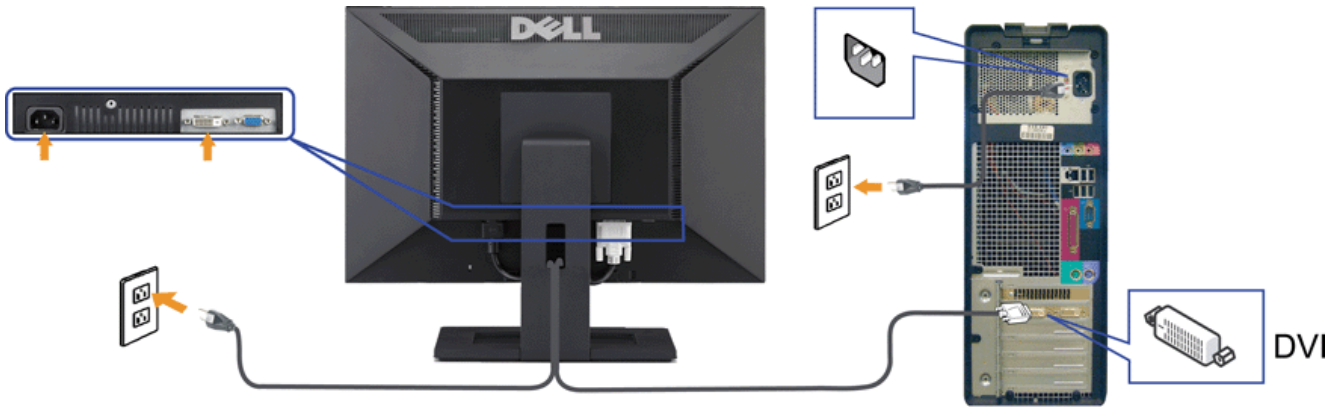
- :
- 1.
 - 2.
-



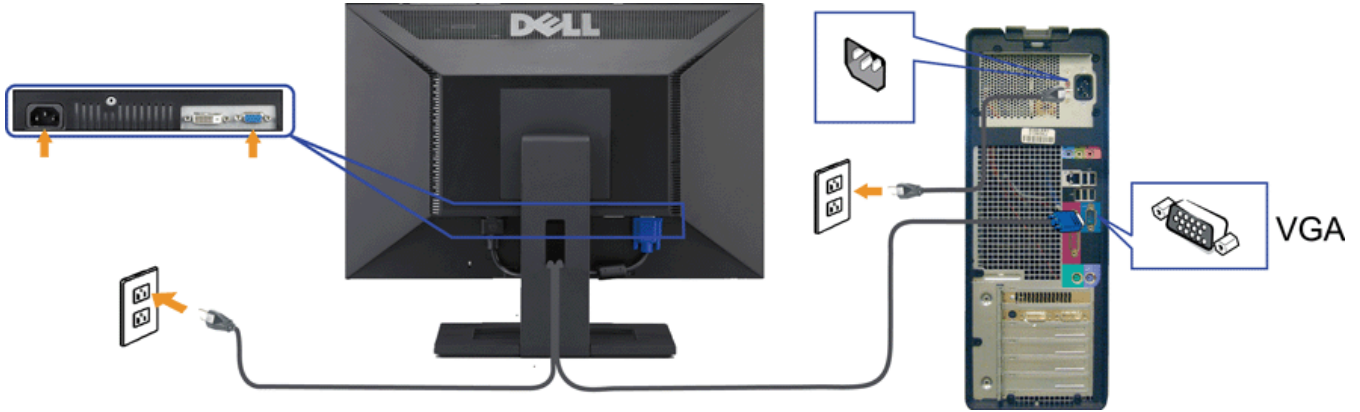
//:

1. .
2. (DVI-D) (VGA)

DVI



VGA




()

O



➔ **NOTICE:** Do not use with any device other than Dell Soundbar.

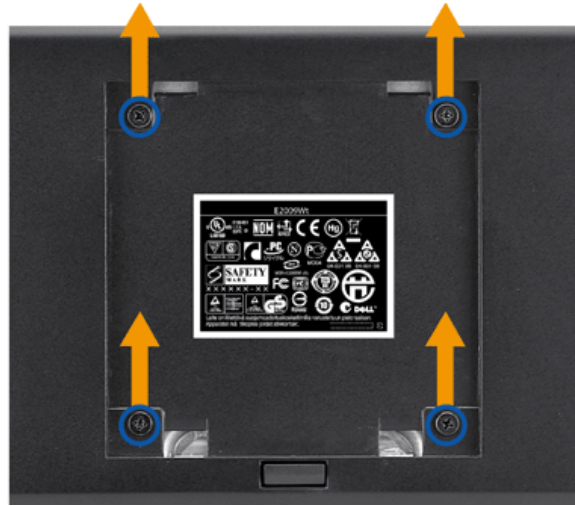
- 1.
- 2.
3. Soundbar
- 4.
- 5.

 : LCD .



1. .
2. .


Wall Mounting (Optional)



(: M4 x 10 .)

VESA

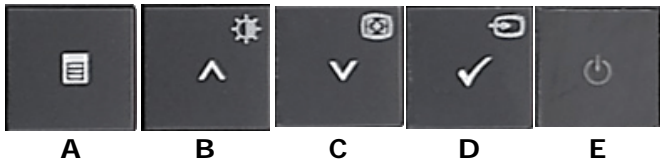
- 1.
- 2.
- 3.
4. LCD
5. LCD




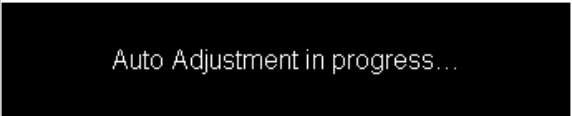
 : UL(UL) / 4.36 .











Dell™ E2009W/E2209W

-
- [_OSD](#)
-
- [_0](#)
- [_](#)


OSD



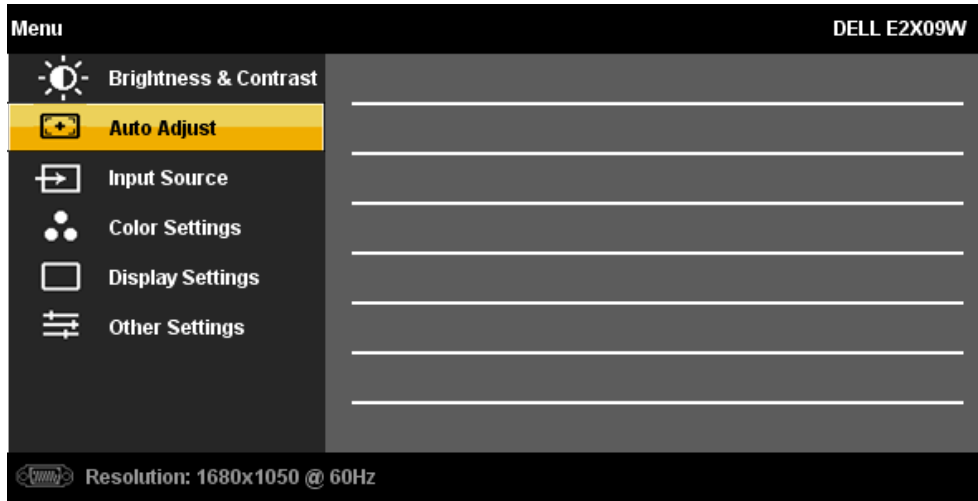
A	 OSD	(OSD) OSD .
B	 /	"/"
C	 /	/ :  : : (VGA)
D		OSD :

	 <p>OK /</p>	<ul style="list-style-type: none"> • VGA input • DVI-D input <p>VGA DVI VGA DVI ,</p> <p>1 2</p> <div style="display: flex; justify-content: space-around;"> <div style="background-color: black; color: white; padding: 10px; border-radius: 5px;"> <p>1. Auto Detect (Analog) </p> </div> <div style="background-color: black; color: white; padding: 10px; border-radius: 5px;"> <p>1. Auto Detect (Digital) </p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="background-color: black; color: white; padding: 10px; border-radius: 5px;"> <p>2. Analog Input </p> </div> <div style="background-color: black; color: white; padding: 10px; border-radius: 5px;"> <p>3. Digital Input </p> </div> </div> <p>VGA DVI-D VGA DVI-D</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="background-color: black; color: white; padding: 10px; border-radius: 5px;"> <p style="text-align: center;">DELL E2X09W</p>  <p style="text-align: center;">No VGA Cable</p>  </div> <div style="background-color: black; color: white; padding: 10px; border-radius: 5px;"> <p style="text-align: center;">DELL E2X09W</p>  <p style="text-align: center;">No DVI-D Cable</p>  </div> </div>
E	 <p>O</p>	<p>LED DPMS</p>

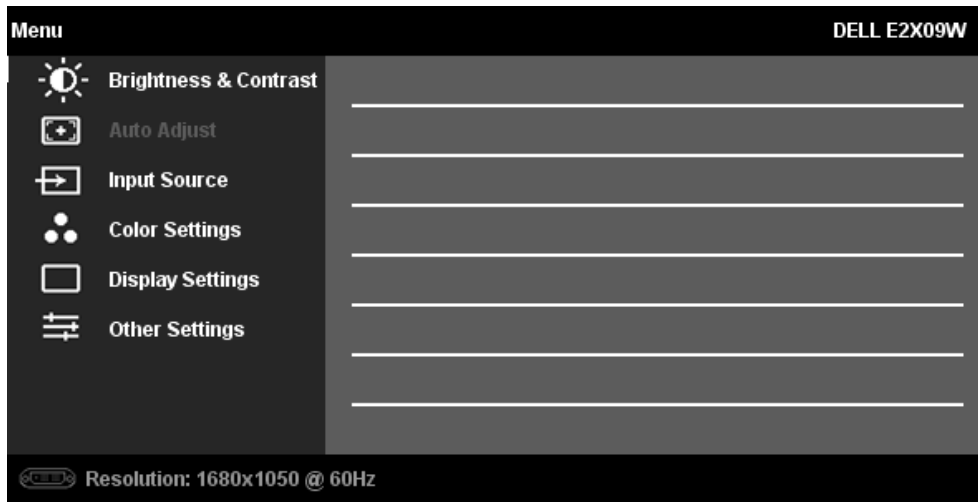
(OSD)


 : OSD OSD
 1. OSD

(VGA)



(DVI-D)



 : (VGA)

2.  

3. 

4.  

5.  

6. OSD



& /

Menu DELL E2X09W

- Brightness/Contrast**
 - Brightness ▶ 50
 - Contrast ▶ 50
- Auto Adjust
- Input Source
- Color Settings
- Display Settings
- Other Settings

Resolution: 1680x1050 @ 60Hz



(0 ~ 100)

(0 ~ 100)

OSD



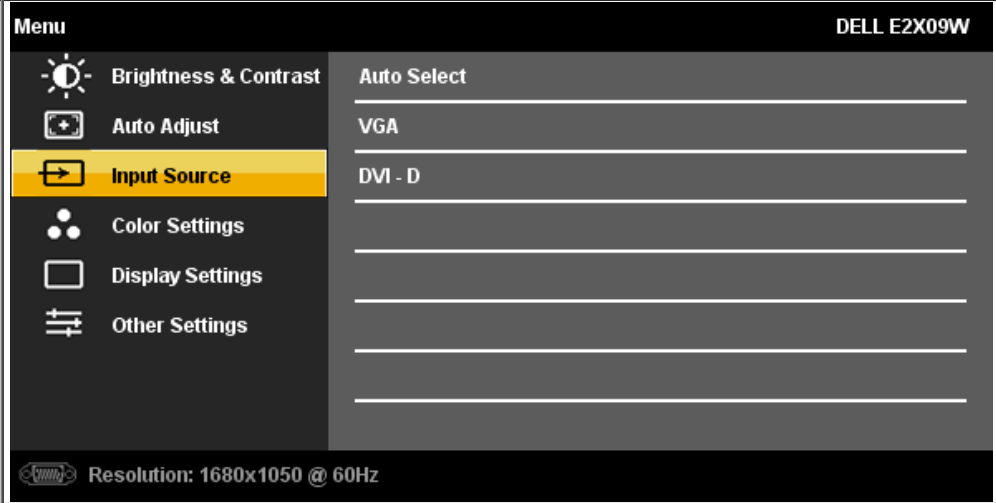
Auto Adjustment in progress...

:
: (VGA)



INPUT SOURCE

Use the INPUT SOURCE menu to select between different video signals that may be connected to your monitor.



VGA

VGA (VGA) VGA



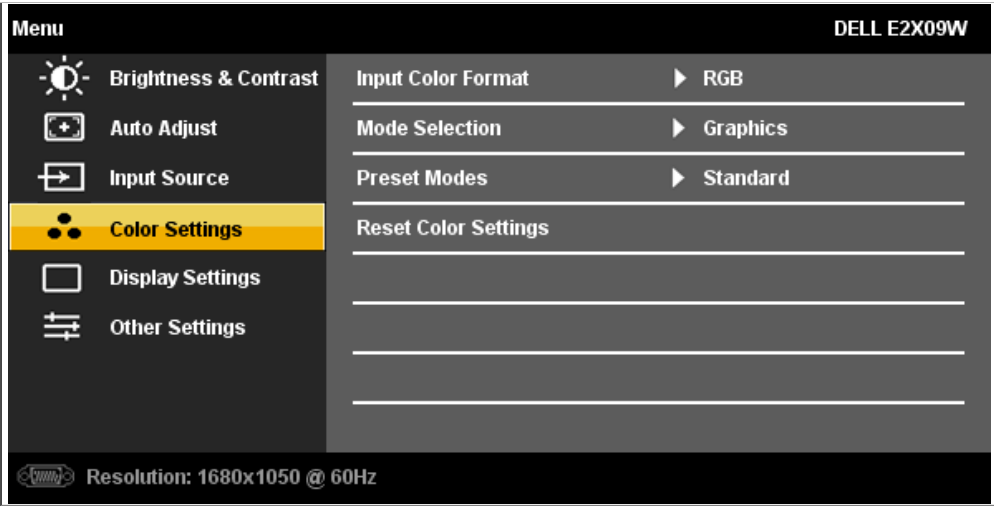
DVI-D

DVI-D (DVI) DVI

OSD

VGA/DVI-D





- **RGB:** HDMI HDMI DVI
- **YPbPr:** YPbPr

- :
- :

- :
- :
- :
- : /
- :
- :
- **(R, G, B):**

- :
- :
- :
- :

'0' '100'



⏮ ⏪ '0' '100'
⏩ ⏭
⏮
⏭
⏩
⏭
⏩

📄 OSD



VGA input

Menu		DELL E2X09W	
☀️	Brightness & Contrast	Horizontal Position	▶ 50
⊕	Auto Adjust	Vertical Position	▶ 50
➡	Input Source	Sharpness	▶ 50
⋯	Color Settings	Pixel Clock	▶ 50
📄	Display Settings	Phase	▶ 50
⚙️	Other Settings	Reset Display Settings	

Resolution: 1680x1050 @ 60Hz

DVI-D input

Menu		DELL E2X09W	
☀️	Brightness & Contrast	Horizontal Position	▶ 50
⊕	Auto Adjust	Vertical Position	▶ 50
➡	Input Source	Sharpness	▶ 50
⋯	Color Settings	Pixel Clock	▶ 50
📄	Display Settings	Phase	▶ 50
⚙️	Other Settings	Reset Display Settings	

Resolution: 1680x1050 @ 60Hz

	'0' (-) '100' (+) : DVI,
	'0' (-) '100' (+) : DVI,
	'0' '100'
	OSD ""
	() () : "VGA"

OSD



Menu
DELL E2X09W

Brightness & Contrast	Language ▶ English
Auto Adjust	Menu Transparency ▶ 20
Input Source	Menu Timer ▶ 30
Color Settings	Menu Lock ▶ Unlock
Display Settings	DDC/CI ▶ Enable
Other Settings	LCD Conditioning ▶ Disable
	Factory Reset Reset All Settings

Resolution: 1680x1050 @ 60Hz

	OSD ()
	OSD
	OSD: OSD 1 5 60
	'Lock'
	: OSD OSD OSD

DDC/CI DDC/CI (Display Data Channel/Command Interface) (, , PC
:

DDC/CI

:

WARNING MESSAGE

DELL E2X09W

The function of adjusting display setting using PC application will be disabled.

Do you wish to disable DDC/CI function?

No

Yes

LCD

LCD LCD LCD

: LCD

"" LCD

WARNING MESSAGE

DELL E2X09W

The feature will help reduce minor cases of image retention. Depending on the degree of retention, the program may take some time to run.

Do you wish to continue?

No

Yes

LCD Conditioning is currently in progress. Press any button on the monitor to terminate LCD Conditioning at any time.

: LCD

OSD

WARNING MESSAGE

DELL E2X09W

Are you sure you want to reset to default settings?

No

Yes


 OSD

OSD

WARNING MESSAGE DELL E2X09W

The current input timing is not supported by the monitor display.


Please change your input timing to **1680x1050@60Hz** or any other monitor listed timing as per the monitor specifications.



WARNING MESSAGE DELL E2X09W

The current input timing is not supported by the monitor display.

Please change your input timing to **1680x1050@60Hz** or any other monitor listed timing as per the monitor specifications.



1680 X 1050.

DDC/CI

WARNING MESSAGE DELL E2X09W

The function of adjusting display setting using PC application will be disabled.


Do you wish to disable DDC/CI function?

No

Yes

WARNING MESSAGE DELL E2X09W

Entering Power Save Mode.



OSD

VGA DVI-D input VGA DVI-D

DELL E2X09W



No VGA Cable



DELL E2X09W



No DVI-D Cable



1. **Properties**
2. **Settings**
3. 1680 x 1050
- 4.

- :
- support.dell.com
- ():
-
-

O



1. /
- 2.
- 3.



Dell™ E2009W/E2209W

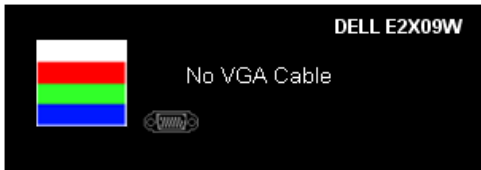


(STFC)

:

- 1.
2. () ()
- 3.

() LED



- 4.
- 5.



:

1. ()
- 2.
3. 2
- 4.
- 5.
- 6.
7. 5 6



/ LED		
		<ul style="list-style-type: none"> • • •

/ LED		<ul style="list-style-type: none"> • & • • •
		<ul style="list-style-type: none"> • OSD • OSD • Eliminate video extension cables. • • (16:10).
/		<ul style="list-style-type: none"> • OSD • OSD • • •
	LCD	<ul style="list-style-type: none"> • • LCD •
	LCD	<ul style="list-style-type: none"> • • LCD •
		<ul style="list-style-type: none"> • • OSD • - OSD
		<ul style="list-style-type: none"> • • OSD • - OSD. <p>: '2: DVI-D' .</p>
/		<ul style="list-style-type: none"> • • OSD • OSD • • • <p>: '2: DVI-D'</p>
		<ul style="list-style-type: none"> • • OSD • OSD • • •
		<ul style="list-style-type: none"> • Dell .
		<ul style="list-style-type: none"> • • •

		<ul style="list-style-type: none"> • • • ..
		<ul style="list-style-type: none"> • OSD • OSD R/G/B OSD • PC RGB YPbPr OSD •
Image retention from a static image left on the monitor for a long period of time		<ul style="list-style-type: none"> • . . . () . •

		<ul style="list-style-type: none"> • OSD •
	OSD	<ul style="list-style-type: none"> •
		<ul style="list-style-type: none"> • () DVD

 : DVI-D,

Dell™ E2009W/E2209W

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- [FCC \(\)](#)
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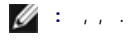


F .

FCC ()

FCC http://www.dell.com/regulatory_compliance

, 800-WWW-DELL (800-999-3355)



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1. support.dell.com.
 2. / .
 3. .
 4. .
 5. .