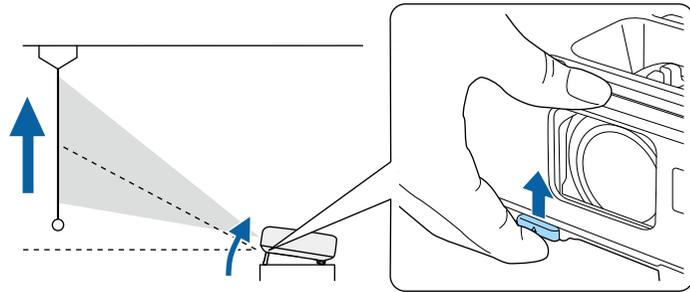


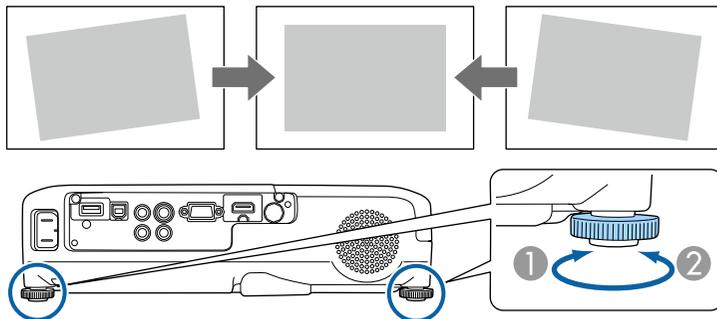
If you are projecting from a table or other flat surface and the image is too high or low, you can adjust the image height using the projector's adjustable feet. The larger the angle of tilt, the harder it becomes to focus. Locate the projector so that it only needs to be tilted at a small angle.

- 1** Turn on the projector and display an image.
- 2** To adjust the front foot, pull up on the foot release lever and lift the front of the projector.



The foot extends from the projector. You can adjust the position up to 12 degrees.

- 3** Release the lever to lock the foot.
- 4** If the image is tilted, rotate the rear feet to adjust their height.



- 1** Extend the rear foot
- 2** Retract the rear foot

If the projected image is unevenly rectangular, you need to adjust the image shape.

## ► Related Links

- "Image Shape" [p.41](#)

You can project an even, rectangular image by placing the projector directly in front of the center of the screen and keeping it level. If you place the projector at an angle to the screen, or tilt it up or down, or off to the side, you may need to correct the image shape.

#### » Related Links

- "Auto V-Keystone" [p.41](#)
- "Correcting the Image Shape with the Horizontal Keystone Slider" [p.41](#)
- "Correcting the Image Shape with the Keystone Buttons" [p.42](#)
- "Correcting the Image Shape with Quick Corner" [p.43](#)

## Auto V-Keystone

When the projector is moved or tilted, Auto V-Keystone automatically corrects any vertical keystone distortion.

When the projector is moved, it displays an adjustment screen and then automatically corrects the projected image.

Auto V-Keystone can correct the projected image distortion in these conditions:

- Projection angle is about 30° up or down
- The **Projection** setting is set to **Front** in the projector's **Extended** menu



If you do not want to use the Auto V-Keystone function, set **Auto V-Keystone** to **Off** in the projector's **Settings** menu.

☛ **Settings > Keystone > H/V-Keystone > Auto V-Keystone**

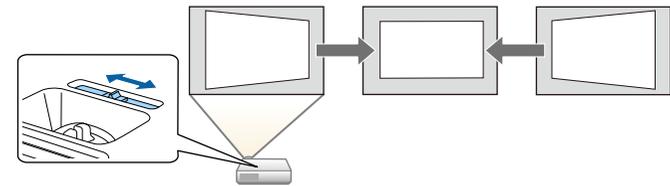
#### » Related Links

- "Projection Modes" [p.38](#)
- "Projector Feature Settings - Settings Menu" [p.105](#)
- "Projector Setup Settings - Extended Menu" [p.107](#)

## Correcting the Image Shape with the Horizontal Keystone Slider

You can use the projector's horizontal keystone slider to correct the shape of an image that is an uneven horizontal rectangle, such as when the projector is placed to the side of the projection area.

- 1 Turn on the projector and display an image.
- 2 Adjust the slider until the image is an even rectangle.



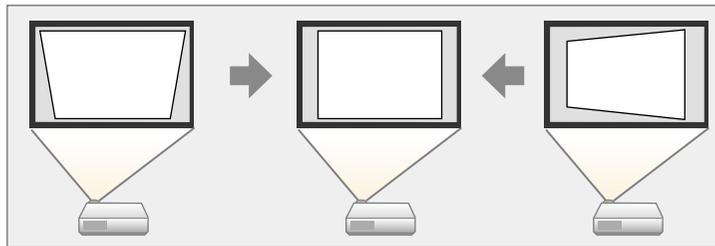
After correction, your image is slightly smaller.



- When you use the horizontal keystone slider, set **H-Keystone Adjuster** to **On** in the projector's **Settings** menu.  
☛ **Settings > Keystone > H/V-Keystone > H-Keystone Adjuster**
- You can also correct the shape of the image in the horizontal direction by pressing the [Menu] button on the remote control and selecting **H/V-Keystone** in the projector's **Settings** menu.  
☛ **Settings > Keystone > H/V-Keystone**

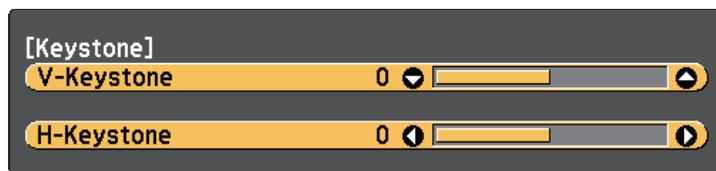
## Correcting the Image Shape with the Keystone Buttons

You can use the projector's keystone correction buttons to correct the shape of an image that is unevenly rectangular.

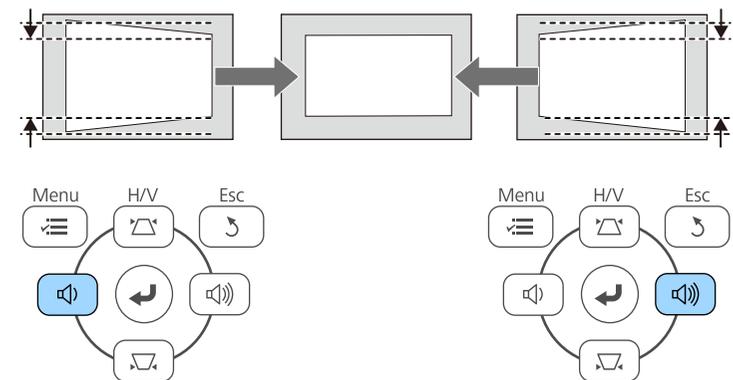
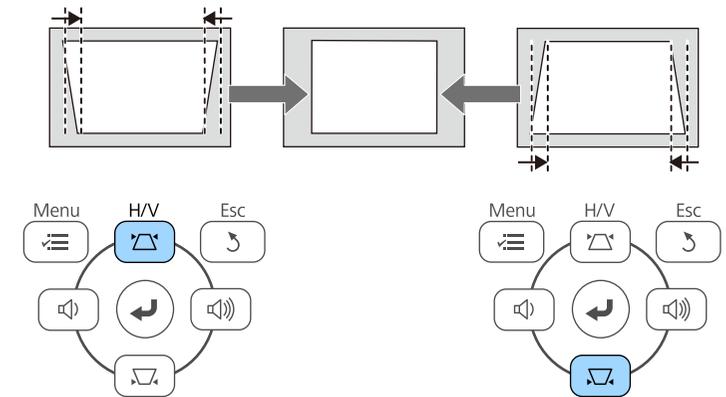


You can use keystone buttons to correct images up to 30° right, left, up, or down.

- 1** Turn on the projector and display an image.
- 2** Press one of the keystone adjustment buttons on the control panel to display the Keystone adjustment screen.



- 3** Press a keystone button to adjust the image shape.



After correction, your image is slightly smaller.



If the projector is installed out of your reach, you can also correct the shape of the image by pressing the [Menu] button on the remote control and selecting **H/V-Keystone** in the projector's **Settings** menu.

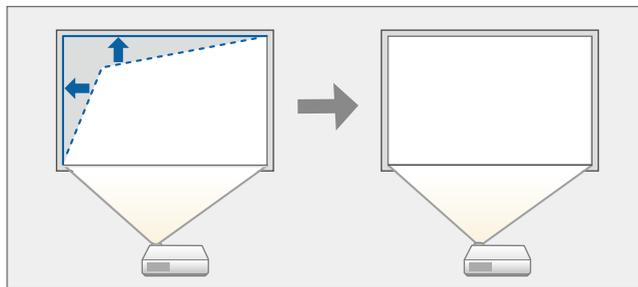
**Settings > Keystone > H/V-Keystone**

» **Related Links**

- "Projector Feature Settings - Settings Menu" p.105

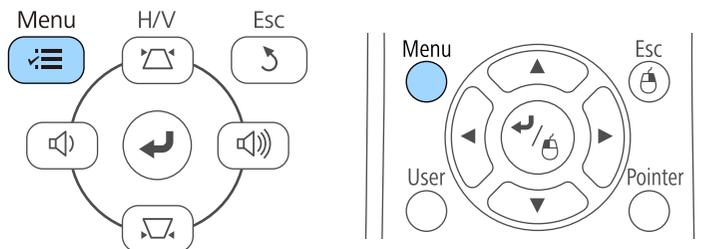
## Correcting the Image Shape with Quick Corner

You can use the projector's Quick Corner setting to correct the shape and size of an image that is unevenly rectangular.

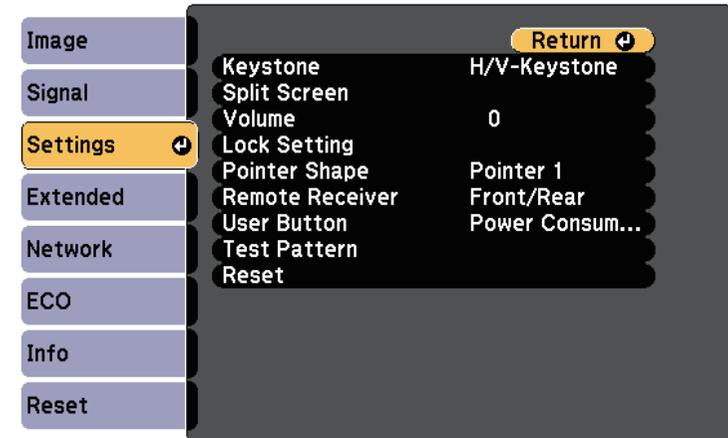


**1** Turn on the projector and display an image.

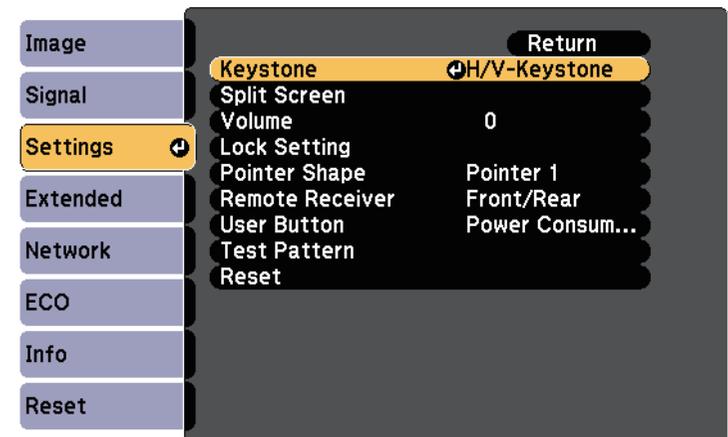
**2** Press the [Menu] button on the control panel or remote control.



**3** Select the **Settings** menu and press [Enter].



**4** Select **Keystone** and press [Enter].

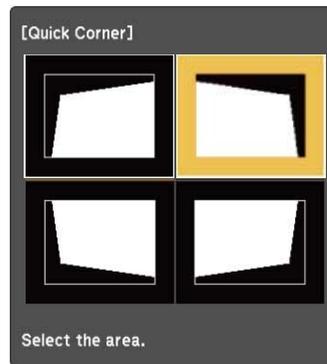


- 5** Select **Quick Corner** and press [Enter]. Press [Enter] again if necessary.



You see the Quick Corner adjustment screen.

- 6** Use the arrow buttons to select the corner of the image you want to adjust. Then press [Enter].



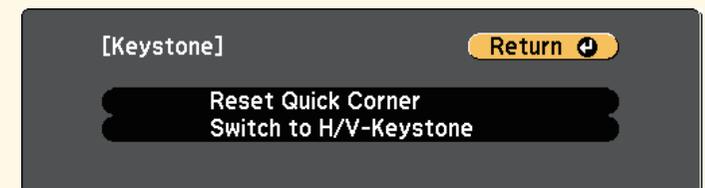
- 7** Press the arrow buttons to adjust the image shape as necessary. When you press [Enter], the Quick Corner adjustment screen is displayed.



- If you see this screen, you cannot adjust the shape any further in the direction indicated by the gray triangle.



- To reset the Quick Corner corrections, hold down [Esc] for about 2 seconds while the Quick Corner adjustment screen is displayed, and select **Reset Quick Corner**. Select **Switch to H/V-Keystone** to switch the image shape correction method to H/V-Keystone.



- 8** Repeat steps 6 and 7 as needed to adjust any remaining corners.
- 9** When you are finished, press [Esc].

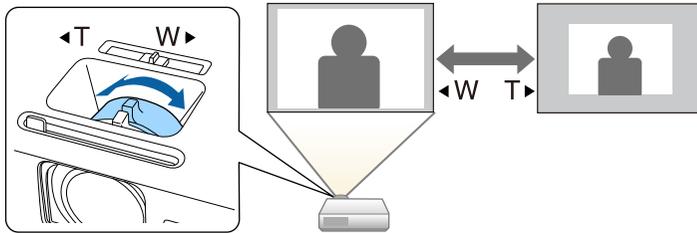
The **Keystone** setting is now set to **Quick Corner** in the projector's **Settings** menu. The next time you press the keystone adjustment buttons on the control panel, the Quick Corner adjustment screen is displayed.

## » Related Links

- "Projector Feature Settings - Settings Menu" [p.105](#)

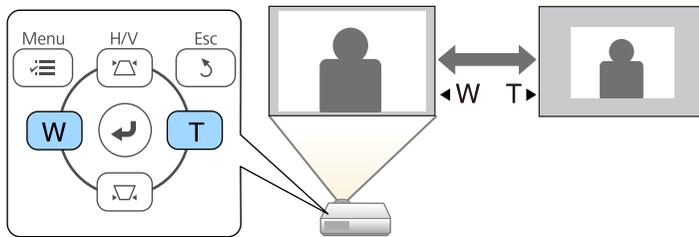
You can resize the image using the projector's zoom ring (EB-U32/EB-W32/EB-W31/EB-X36/EB-X31/EB-U04/EB-W04/EB-X04/EB-U130/EB-W130/EB-X130/EB-X350/EB-X300).

- 1** Turn on the projector and display an image.
- 2** Rotate the zoom ring to enlarge or reduce the image.



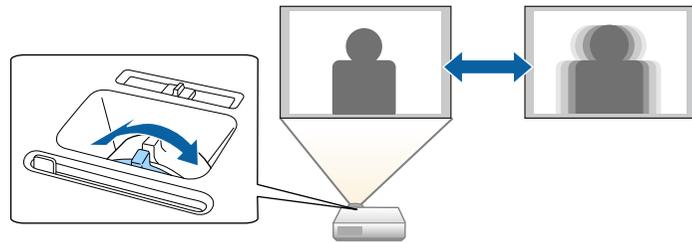
You can resize the image using the Wide and Tele buttons (EB-S31/EB-S04/EB-S130/EB-S300).

- 1** Turn on the projector and display an image.
- 2** Press the Wide button on the projector's control panel to enlarge the image size. Press the Tele button to reduce the image size.

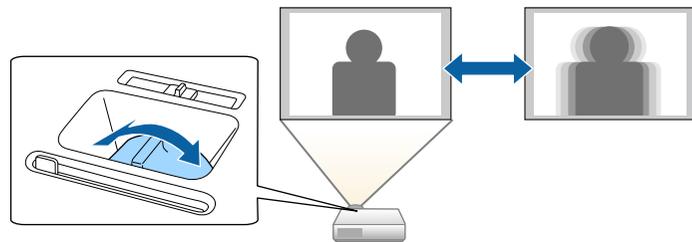


You can correct the focus using the focus ring.

EB-U32/EB-W32/EB-W31/EB-X36/EB-X31/EB-U04/EB-W04/EB-X04/EB-U130/EB-W130/EB-X130/EB-X350/EB-X300

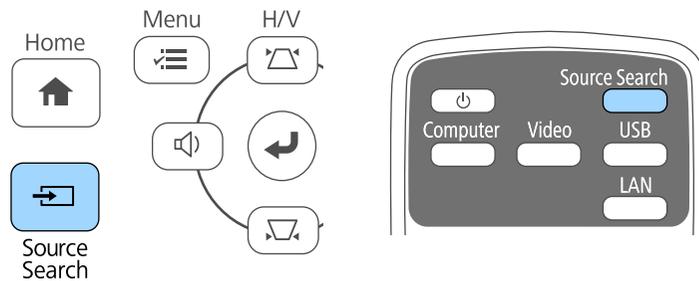


EB-S31/EB-S04/EB-S130/EB-S300

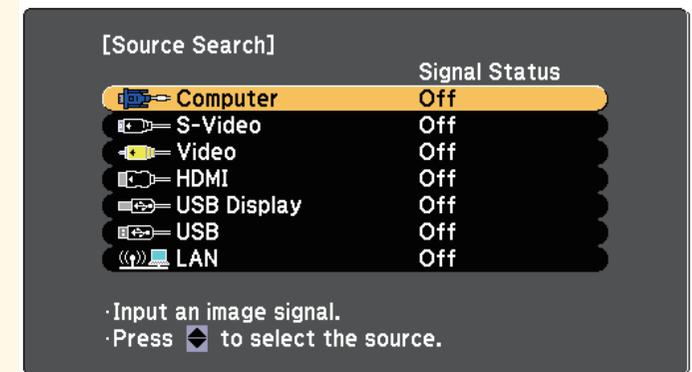


When multiple image sources are connected to the projector, such as a computer and DVD player, you can switch from one image source to the other.

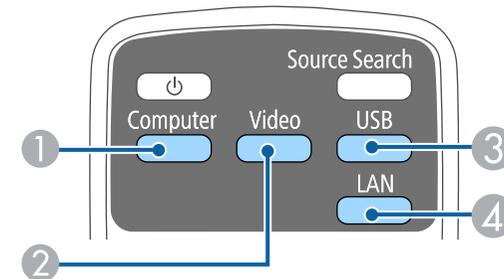
- 1** Make sure the connected image source you want to use is turned on.
- 2** For video image sources, insert a DVD or other video media and press play.
- 3** Do one of the following:
  - Press the [Source Search] button on the control panel or remote control until you see the image from the source you want.



This screen is displayed when no image signal is detected. Check the cable connections between the projector and image source.

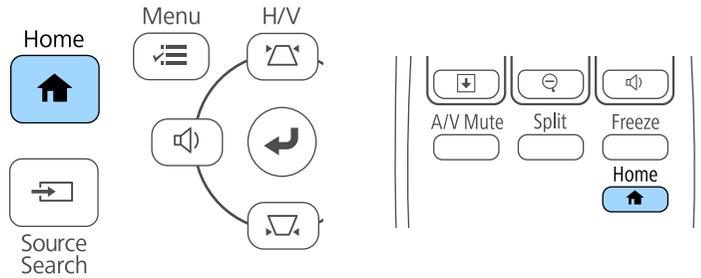


- Press the button for the source you want on the remote control. If there is more than one port for that source, press the button again to cycle through the sources.

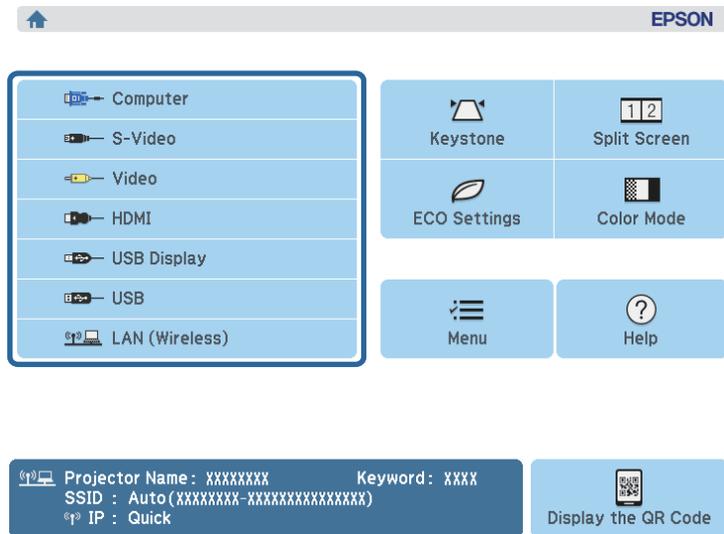


- 1 Computer port source (Computer port)
- 2 Video, S-Video, HDMI, and MHL sources (Video, S-Video, HDMI, and HDMI/MHL ports)
- 3 USB port sources (USB-B port and external devices connected to the USB-A port)
- 4 Network source (LAN)

- Press the [Home] button on the control panel or remote control.



Then select the source you want to use from the screen displayed.



 S-Video is available with the EB-W32/EB-W31/EB-X36/EB-X31/EB-S31/EB-W04/EB-X04/EB-S04/EB-W130/EB-X130/EB-S130/EB-X350/EB-X300/EB-S300.

The projector can display images in different width-to-height ratios called aspect ratios. Normally, the input signal from your video source determines the image's aspect ratio. However, for certain images you can change the aspect ratio to fit your screen by pressing a button on the remote control.

If you always want to use a particular aspect ratio for a certain video input source, you can select it using the projector's **Signal** menu.

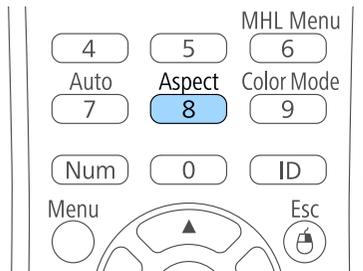
» **Related Links**

- "Changing the Image Aspect Ratio" [p.51](#)
- "Available Image Aspect Ratios" [p.51](#)
- "Projected Image Appearance with Each Aspect Mode" [p.52](#)
- "Input Signal Settings - Signal Menu" [p.103](#)

## Changing the Image Aspect Ratio

You can change the aspect ratio of the displayed image.

- 1 Turn on the projector and switch to the image source you want to use.
- 2 Press the [Aspect] button on the remote control.



- 3 To cycle through the available aspect ratios for your input signal, press the [Aspect] button repeatedly.



To display images without black bars, set **Resolution** to **Wide** or **Normal** in the projector's **Signal** menu according to the computer's resolution.

» **Related Links**

- "Input Signal Settings - Signal Menu" [p.103](#)

## Available Image Aspect Ratios

You can select the following image aspect ratios, depending on the input signal from your image source.



- Black bands and cropped images may project in certain aspect ratios, depending on the aspect ratio and resolution of your input signal.
- The **Auto** aspect ratio setting is available only for HDMI/MHL image sources.

### For projectors with a resolution of WUXGA (1920 × 1200) or WXGA (1280 × 800)

Aspect mode	Description
Auto	Automatically sets the aspect ratio according to the input signal and the <b>Resolution</b> setting.
Normal	Displays images using the full projection area and maintains the aspect ratio of the image.
16:9	Converts the aspect ratio of the image to 16:9.
Full	Displays images using the full size of the projection area, but does not maintain the aspect ratio.
Zoom	Displays images using the full width of the projection area and maintains the aspect ratio of the image.
Native	Displays images as is (aspect ratio and resolution are maintained).

## For projectors with a resolution of XGA (1024 × 768) or SVGA (800 × 600)

Aspect mode	Description
Auto	Automatically sets the aspect ratio according to the input signal and the <b>Resolution</b> setting.
4:3	Converts the aspect ratio of the image to 4:3.
16:9	Converts the aspect ratio of the image to 16:9.

Aspect mode	Aspect ratio for input signals		
	16:10	16:9	4:3
Native			

## Projected Image Appearance with Each Aspect Mode

Black bands and cropped images may project in certain aspect ratios, depending on the aspect ratio and resolution of your input signal. See the following table to confirm the position of black bands and cropped images.



The image for **Native** varies depending on the input signal.

## For projectors with a resolution of WUXGA (1920 × 1200) or WXGA (1280 × 800)

Aspect mode	Aspect ratio for input signals		
	16:10	16:9	4:3
Normal Auto			
16:9			
Full			
Zoom			

## For projectors with a resolution of XGA (1024 × 768) or SVGA (800 × 600)

Aspect mode	Aspect ratio for input signals		
	16:10	16:9	4:3
Auto			
4:3			
16:9	