LCOS Laser 4K Projector 4K600Z/4K601Z



1. Main Features

1-1 High resolution 4096x2400 pixel LCOS panel

A high resolution 4K LCOS panel was employed in this product. Seamless image, which is an LCOS feature, can be displayed with high quality even on a large screen.

1-2 4K compatible zoom lens, 1.34 to 2.35 throw ratio

The projection lens of this product is a 1.76x standard zoom lens that has been designed to display 100-inch images at a projection distance ranging from 2.9 to 5.2 meters. Canon's optical technology has made it possible not only to suppress TV distortion in the zoom region to 0.1% or less even with the high magnification but also achieve high resolution for 4K projection.

1-3 Maintenance free with laser light source (20000 hours)

This product uses a highly durable laser diode for the light source. Typical lamp light sources require replacement after several thousand hours of use, but this product has achieved a runtime of 20000 hours (*1) without replacement.

*1: This value does not guarantee the service life of the light source. It may become unusable by trouble in a short time.

1-4 Canon original image processor

The image processor of this product is a dedicated image processor developed by Canon. In addition to high quality image processing that brings out the high performance feature of the projector, the following features can also be incorporated.

- Corner adjustment
- Edge blending
- MB reduction

1-5 Smartphone app (Canon Service Tool for PJ)

A convenient app (*2) that helps in the operation and maintenance of the product is available. Installing this app in a smartphone or other mobile device makes it possible to use remote control and other features (*3).

*2: This document does not contain descriptions of the app.

*3: There are features that general users can use and those that are exclusive to service personnel.

1-6 Wi-Fi feature options

Only on the 4K600Z, the addition of the Wi-Fi feature allows wireless management and control of the projector, which was previously performed through wired LAN.

On the contrary, to provide high level of security, the wireless LAN module is not available on the 4K601Z to make unauthorized access fundamentally impossible.

2. Specifications

2-1 Basic specifications

| Model | | 4K600Z / 4K601Z | | | | | |
|------------------|---------------------------------|--|--|--|--|--|--|
| Turne | Product type | Projector | | | | | |
| Туре | Imaging device, number | Reflective LCD panel (LCOS) ×3 | | | | | |
| 1.000 | Number of pixels | 4096×2400 | | | | | |
| LCOS | Size, Aspect ratio | 0.76 inch, 128:75 (about 17:10) | | | | | |
| panel | Driving system | Active Matrix | | | | | |
| Light source | Туре | Blue laser diode, yellow phosphor | | | | | |
| | Optical system | Dichroic mirror and PBS color separation-combination system | | | | | |
| | Brightness (*1)(*2) | 6000/4560/2400 lm | | | | | |
| | Marginal lumination ratio | 80% | | | | | |
| Imagas | Contrast ratio (*3) | 4000:1 (All white : all black, native) | | | | | |
| Images | Image size (4096 x 2400) | 40 – 600 inches | | | | | |
| | Amount of lens shift | V: ± 60%, H: ±10% (powered) | | | | | |
| | Electronic zoom (for length) | Not provided | | | | | |
| | Keystone correction | V ±20°, H ±20° | | | | | |
| | DVI-D x4 | Digital PC input | | | | | |
| | HDMI x2 | Digital PC/Digital video input | | | | | |
| | Mini jack x2 | Audio input x1, Audio output x1 | | | | | |
| Terminals | Mini jack x1 | Wired remote control connection | | | | | |
| | Dsub9 | RS-232 connection | | | | | |
| | USB Type A | USB connection | | | | | |
| | RJ-45 | Network connection (1000BASE-T / 100BASE-TX / 10BASE-T) | | | | | |
| | DVI (single) | 640x480, 800x600, 1280x720, 1024x768, 1366x768, 1440x900, 1280x1024, 1920x1080, 2048x1080, 2560x1080, 1920x1200, 2048x1200, 2560x1440, 3840x2160(*4), 4096x2160(*4)(*5) | | | | | |
| | DVI 1x2 | 2560x1080, 2560x1440, 2560x1600, 3840x2160(*4), 4096x2160(*4) | | | | | |
| lmage signals | DVI 2x2 | 3840x2160, 4096x2160,4096x2304(*6), 3200x2400(*6), 3840x2400(*6), 4096x2400(*6) | | | | | |
| - | DVI 1x4 | 3840x2160, 4096x2160, 4096x2304(*6), 3840x2400(*6), 4096x2400(*6) | | | | | |
| | HDMI (single) | 640x480, 720x480, 720x576, 800x600, 1280x720, 1024x768, 1366x768, 1440x900, 1280x1024, 1920x1080, 2048x1080, 2560x1080, 1920x1200, 2048x1200, 2560x1440, 2560x1600, 3840x2160, 4096x2160 | | | | | |
| | HDMI 1x2 | 1280x480, 1440x480, 1440x576, 2560x720, 3840x1080, 2560x1600, 3840x2160, 4096x2160, 3200x2400(*6), 3840x2400(*5)(*6) | | | | | |
| | Adjustable feet | Four locations on the bottom, Extension length: 15 mm | | | | | |
| | Built-in speaker | 5 W 、Monaural | | | | | |
| Mechanics | Dimensions | W: 559 mm, H: 201 mm, D: 624 mm | | | | | |
| | Weight | 26 kg | | | | | |
| | Noise level (*2) | 37/32/29 dB | | | | | |
| | Power supply | AC100 - 240 V : 50/60 Hz | | | | | |
| | Power consumption | 665 W | | | | | |
| Others | Stand-by power consumption (*6) | 0.8/0.4 W | | | | | |
| | Operation environment | 0℃ – 45℃,20%RH – 85%RH | | | | | |
| | | -20°C - 60°C | | | | | |

*1: Image mode is set to "Presentation."*2: The light source modes are Normal/Quiet 1/Quiet 2.

The brightness except Normal mode is the calculated value and cannot be guaranteed as a specification.

*3: When iris function is set to "Close 3"

*4: Only low frequencies (24 to 30 Hz) are supported. *5: EDID is not supported.

*6: Supported when "Panel drive mode" is set to "4096x2400"
*7: Network "ON", Stand-by power setting "Low-power" / Network "OFF"



2-2 Projection specifications

| | Projection lens Lens configuration F number | 15 groups 18 elements F2.6 — F2.75 | | | | | | | | |
|----|---|--|---|---|--|---|--|--|--|--|
| | Focal length Zoom magnification Operation | 1.76x | 22.7 — 39.8 mm 1.76x Zoom, focus, marginal focus: powered | | | | | | | |
| 2. | Projection performance Image size Projection distance Throw ratio for 100" image | Wide | 40 — 600 inches Wide: 1.2 – 17.6 m, Tele: 2.1 – 30.9 m Wide: 1.3, Tele: 2.4 | | | | | | | |
| 3. | Image size and projection distance | The same size image is displayed at the projection distance ranging from L(W) to L(T) by controlling the optical zoom. | | | | | | | | |
| | | L(W):Distance at the Wide end L(T) :Distance at the Tele end | | | | | | | | |
| | | | | | | | when projecti image device | | | |
| | | | Image si | ize (4096x | (2400) | Proiectio | n distance | | | |
| | | | [inches] | Width | Height | L(W) | L(T) | | | |
| | | | | | | | | | | |
| | | | | [cm] | [cm] | [m] | [m] | | | |
| | | | 40 | 88 | 51 | 1.2 | 2.1 | | | |
| | | | 40 60 | 88 131 | 51 77 | 1.2 1.8 | 2.1 3.1 | | | |
| | | | 40 60 80 | 88 131 175 | 51 77 103 | 1.2 1.8 2.3 | 2.1 3.1 4.1 | | | |
| | | | 40 60 80 100 | 88 131 175 219 | 51 77 103 128 | 1.2 1.8 2.3 2.9 | 2.1 3.1 4.1 5.2 | | | |
| | | | 40 60 80 100 120 | 88 131 175 219 263 | 51 77 103 128 154 | 1.2 1.8 2.3 2.9 3.5 | 2.1 3.1 4.1 5.2 6.2 | | | |
| | | | 40 60 80 100 120 140 | 88 131 175 219 263 307 | 51 77 103 128 154 180 | 1.2 1.8 2.3 2.9 3.5 4.1 | 2.1 3.1 4.1 5.2 6.2 7.2 | | | |
| | | | 40 60 80 100 120 140 160 | 88 131 175 219 263 307 351 | 51 77 103 128 154 180 205 | 1.2 1.8 2.3 2.9 3.5 4.1 4.7 | 2.1 3.1 4.1 5.2 6.2 7.2 8.2 | | | |
| | | | 40 60 80 100 120 140 160 180 | 88 131 175 219 263 307 351 394 | 51 77 103 128 154 180 205 231 | 1.2 1.8 2.3 2.9 3.5 4.1 4.7 5.3 | 2.1 3.1 4.1 5.2 6.2 7.2 8.2 9.3 | | | |
| | | | 40 60 80 100 120 140 160 180 200 | 88 131 175 219 263 307 351 394 438 | 51 77 103 128 154 180 205 231 257 | 1.2 1.8 2.3 2.9 3.5 4.1 4.7 5.3 5.9 | 2.1 3.1 4.1 5.2 6.2 7.2 8.2 9.3 10.3 | | | |
| | | | 40 60 80 100 120 140 160 180 200 250 | 88 131 175 219 263 307 351 394 438 548 | 51 77 103 128 154 180 205 231 257 321 | 1.2 1.8 2.3 2.9 3.5 4.1 4.7 5.3 5.9 7.3 | 2.1 3.1 4.1 5.2 6.2 7.2 8.2 9.3 10.3 12.9 | | | |
| | | | 40 60 80 100 120 140 160 180 200 250 300 | 88 131 175 219 263 307 351 394 438 548 657 | 51 77 103 128 154 180 205 231 257 321 385 | 1.2 1.8 2.3 2.9 3.5 4.1 4.7 5.3 5.9 7.3 8.8 | 2.1 3.1 4.1 5.2 6.2 7.2 8.2 9.3 10.3 12.9 15.5 | | | |
| | | | 40 60 80 100 120 140 160 180 200 250 300 350 | 88 131 175 219 263 307 351 394 438 548 657 767 | 51 77 103 128 154 154 205 231 257 321 385 449 | 1.2 1.8 2.3 2.9 3.5 4.1 4.7 5.3 5.9 7.3 8.8 10.3 | 2.1 3.1 4.1 5.2 6.2 7.2 8.2 9.3 10.3 12.9 15.5 18.0 | | | |
| | | | 40 60 80 100 120 140 160 180 200 250 300 | 88 131 175 219 263 307 351 394 438 548 657 | 51 77 103 128 154 180 205 231 257 321 385 | 1.2 1.8 2.3 2.9 3.5 4.1 4.7 5.3 5.9 7.3 8.8 | 2.1 3.1 4.1 5.2 6.2 7.2 8.2 9.3 10.3 12.9 15.5 | | | |

2-3 Lens shift system

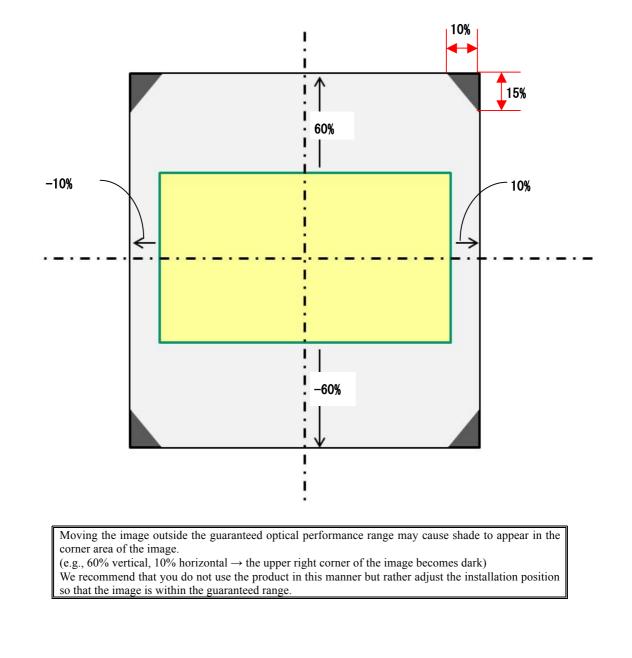
This product has a lens shift system that can move the image position vertically and horizontally. It is electrically driven through buttons on the projector or remote. The lens shift range is as follows:

| Amount of Lens shift | (V) -60% ~ 60% (H) -10% ~ 10% |
|----------------------|---|
| Lens shift ratio | (V) -1:11~11:-1(H) 4:6~6:4 |

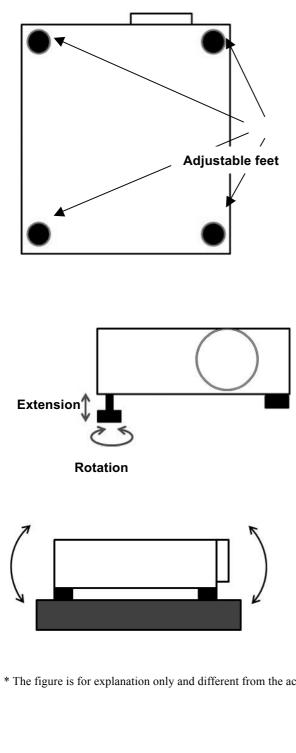
The following figure shows the area in which the image can be moved and the guaranteed optical performance range of this product.

The center of the crosshair is the optical axis of the lens.

The octagonal area excluding the four corners (light gray) is the guaranteed optical performance range. Note that the sizes of the four corners that are outside the guaranteed range are the same.



2-4 Adjustable feet



Four adjustable feet are provided on the bottom of the product.

The length of these feet can be adjusted to minimize the horizontal tilt of the image projected on the screen.

Rotate the adjustable legs to adjust their lengths.

The maximum extension length of each leg is 15 mm.

The front-to-back angle of this product can be adjusted in the range of ± 1.6 relative to the surface that the product is placed on.

* The figure is for explanation only and different from the actual product shape.

3. Image signals

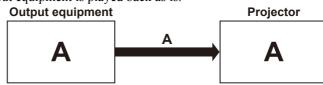
3-1 Number of terminals used for image input

This product is equipped with a system that transmits image signals through several transmission cables to display high resolution image signals that could not be transmitted previously with a single transmission cable (DVI, HDMI).

The different combinations of image input terminals that the product uses are shown below.

①Single terminal input (DVI1, DVI2, DVI3, DVI4, HDMI1, HDMI2)

The conventional method of transmitting image signals using a single transmission cable. The screen of the output equipment is played back as is.



2 Two terminal input (DVI1+DVI3, HDMI1+HDMI2)

A method of transmitting image signals using two transmission cables. For example, when transmitting a 3840x2160 image, each cable carries a 1920x2160 signal.

Image signals are divided into two signals, transmitted, composed, and played back. Output equipment Projector



For DVI, signal A is received through DVI1 and signal B through DVI3. For HDMI, signal A is received through HDMI1 and signal B through HDMI2.

③Four terminal input, quadrant (DVI 2x2)

One of the methods of transmitting image signals using four transmission cables. For example, when transmitting a 3840x2160 image, each cable carries a 1920x1080 signal. Image signals are divided into quadrants, transmitted, composed, and played back.

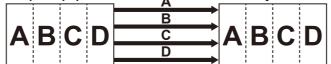
| Output e | quipment | Δ | Proje | ector |
|----------|----------|---|-------|-------|
| Δ | С | B | Δ | С |
| | | С | | |
| | D | D | B | D |

Signal A is received through DVI1, signal B through DVI2, signal C through DVI3, and signal D through DVI4.

④Four terminal input, side by side (DVI 1x4)

One of the methods of transmitting image signals using four transmission cables. For example, when transmitting a 3840x2160 image, each cable carries a 960x2160 signal.

Image signals are divided horizontally into four parts, transmitted, composed, and played back. Output equipment
A
Projector



Signal A is received through DVI1, signal B through DVI2, signal C through DVI3, and signal D through DVI4.

•Notes for receiving signals through multiple terminals

In order to reproduce images correctly when an image signal is divided and received through multiple terminals, the following items must at least be the same for each of the divided image signals.

- Period
- · Resolution, frequency
- Color format

These are the typically same because it is assumed that images from a single output device will be divided and output. However, this may not be true depending on the specifications of the output device.

3-2 About Multi input mode select

On this product, EDID (a list of resolutions that can be received) is selected using "Multi input mode select". (The EDID is selected separately for DVI and HDMI.) (*1)

If set to "Normal the EDID will be a list containing a portion of the image signals that use a single terminal and a portion of the image signals that use several terminals.

With this setting, image signals with different number of terminals can be selected on the image output equipment side and output.

However, because not all image signals can be accommodated, if a setting is not in the list, the following menu is used to select a setting with specific number of terminals.

Install settings \rightarrow Professional settings \rightarrow Multi input mode select

Here, the DVI or HDMI setting is changed from Standard to the number of terminals to be used (Single, 1x2, 2x2, or 1x4).

*1: EDID are different between panel drive mode settings

3-3 Supported image signal type

Image signals that the product can display are listed below.

The description of blanking information is provided later.

Interlace signals are denoted with (I).

For DVI input, a signal whose dot clock is less than 165 MHz is a single link signal, and that whose dot clock is 165 MHz or higher is a dual link signal.

•DVI (single)

| | | Frequency | | Settin | g (*1) | Blanking information | | |
|------------|---------------------|------------------|--------------------|--------|--------|--------------------------|------------------------|--|
| Resolution | Horizontal [kHz] | Vertical [Hz] | Dot clock [MHz] | Normal | Single | Horizontal FP, SW, BP | Vertical FP, SW, BP | |
| 640x480 | 31.469 | 59.940 | 25.175 | 0 | 0 | 16, 96, 48 | 10, 2, 33 | |
| 800x600 | 37.879 | 60.317 | 40.000 | 0 | 0 | 40, 128, 88 | 1, 4, 23 | |
| 1280x720 | 45.000 | 60.000 | 74. 250 | 0 | 0 | 110, 40, 220 | 5, 5, 20 | |
| 1024x768 | 48.363 | 60.004 | 65.000 | 0 | 0 | 24, 136, 160 | 3, 6, 29 | |
| 1366x768 | 47. 712 | 59.790 | 85.500 | — | 0 | 70, 143, 213 | 3, 3, 24 | |
| 1300x700 | 48.000 | 60.000 | 72.000 | (* | 2) | 14, 56, 64 | 1, 3, 28 | |
| 1440x900 | 55.935 | 59.887 | 106. 500 | 0 | 0 | 80, 152, 232 | 3, 6, 25 | |
| 1440,5900 | 55.469 | 59.901 | 88.750 | 0 | 0 | 48, 32, 80 | 3, 6, 17 | |
| 1280x1024 | 63. 981 | 60.020 | 108.000 | 0 | 0 | 48, 112, 248 | 1, 3, 38 | |
| 1920x1080 | 27.000 | 24.000 | 74. 250 | 0 | 0 | 638, 44, 148 | 4, 5, 36 | |
| 192021000 | 67.500 | 60.000 | 148. 500 | 0 | 0 | 88, 44, 148 | 4, 5, 36 | |
| 2048x1080 | 66.576 | 59.924 | 147.000 | (* | 2) | 48, 32, 80 | 3, 10, 18 | |
| 204031000 | 67.500 | 60.000 | 148. 500 | 0 | 0 | 44, 44, 64 | 4, 5, 36 | |
| 2560x1080 | 66.636 | 59.978 | 181. 250 | (* | 2) | 48, 32, 80 | 3, 10, 18 | |
| 20001000 | 66.000 | 60.000 | 198.000 | _ | 0 | 248, 44, 148 | 4, 5, 11 | |
| 1920x1200 | 74. 556 | 59.885 | 193. 250 | 0 | 0 | 136, 200, 336 | 3, 6, 36 | |
| 192081200 | 74. 038 | 59.950 | 154.000 | 0 | 0 | 48, 32, 80 | 3, 6, 26 | |
| 2048x1200 | 74.049 | 59.959 | 163. 500 | 0 | 0 | 48, 32, 80 | 3, 10, 22 | |
| 2560x1440 | 88. 787 | 59.951 | 241.500 | — | 0 | 48, 32, 80 | 3, 5, 33 | |
| 3840x2160 | 52. 438 | 23.999 | 209. 750 | — | 0 | 48, 32, 80 | 3, 5, 17 | |
| 4096x2160 | 52. 397 | 23. 980 | 223.000 | (* | 2) | 48, 32, 80 | 3, 10, 12 | |

•DVI 1x2

| Reso | lution | Frequency | | | | g (*1) | Blanking information | |
|-----------|-----------|---------------------|------------------|--------------------|--------|--------|--------------------------|------------------------|
| Composed | Divided | Horizontal [kHz] | Vertical [Hz] | Dot clock [MHz] | Normal | 1x2 | Horizontal FP, SW, BP | Vertical FP, SW, BP |
| 2560x1080 | 1280x1080 | 66. 493 | 59.850 | 95. 750 | — | 0 | 48, 32, 80 | 3, 10, 18 |
| 2560x1440 | 1280x1440 | 88. 715 | 59.902 | 127. 750 | — | 0 | 48, 32, 80 | 3, 10, 28 |
| 2560x1600 | 1280x1600 | 98.611 | 59.910 | 142.000 | 0 | 0 | 48, 32, 80 | 3, 10, 33 |
| | | 52. 512 | 23.956 | 132. 750 | (* | 2) | 104, 200, 304 | 3, 10, 19 |
| 3840x2160 | 1920x2160 | 52. 404 | 23. 983 | 109.000 | (* | 2) | 48, 32, 80 | 3, 10, 12 |
| 304072100 | 192022100 | 54.000 | 24.000 | 148. 500 | (*3) | 0 | 638, 44, 148 | 8, 10, 72 |
| | | 67.500 | 30.000 | 148. 500 | (*2) | 0 | 88, 44, 148 | 8, 10, 72 |
| | | 52. 515 | 23.957 | 142.000 | (* | 2) | 112, 216, 328 | 3, 10, 19 |
| 1006,0160 | 2048x2160 | 52. 423 | 23.992 | 115. 750 | (* | 2) | 48, 32, 80 | 3, 10, 12 |
| 4096x2160 | 2048X2160 | 54.000 | 24.000 | 148. 500 | (*3) | 0 | 510, 44, 148 | 8, 10, 72 |
| | | 67.500 | 30.000 | 148. 500 | (*2) | 0 | 44, 44, 64 | 8, 10, 72 |

*1: Indicates multi input mode settings that allow image signal to be used

*2: Since EDID is not supported, the setting has no effect (standard recommended).

*3: Only when the "Panel drive mode" is set to "4096x2160"

•DVI 2x2

| Reso | lution | | Frequency | | Settin | ıg (*1) | Blanking ir | nformation |
|-------------------|-----------|---------------------|------------------|--------------------|--------|---------|--------------------------|------------------------|
| Composed | Divided | Horizontal [kHz] | Vertical [Hz] | Dot clock [MHz] | Normal | 2x2 | Horizontal FP, SW, BP | Vertical FP, SW, BP |
| | | 27.000 | 24.000 | 74. 250 | 0 | 0 | 638, 44, 148 | 4, 5, 36 |
| | | 33. 750 | 30.000 | 74. 250 | 0 | 0 | 88, 44, 148 | 4, 5, 36 |
| 3840x2160 | 1920x1080 | 66. 587 | 59.934 | 138. 500 | 0 | 0 | 48, 32, 80 | 3, 5, 23 |
| | | 67.158 | 59.963 | 173.000 | 0 | 0 | 128, 200, 328 | 3, 5, 32 |
| | | 67.500 | 60.000 | 148. 500 | 0 | 0 | 88, 44, 148 | 4, 5, 36 |
| | | 27.000 | 24.000 | 74. 250 | — | (*3) | 594, 44, 64 | 4, 5, 36 |
| | 2048x1080 | 33. 750 | 30.000 | 74. 250 | — | (*3) | 44, 44, 64 | 4, 5, 36 |
| 4096x2160 | | 66. 576 | 59.924 | 147.000 | — | 0 | 48, 32, 80 | 3, 10, 18 |
| | | 67.160 | 59.964 | 183. 750 | (* | 2) | 128, 216, 344 | 3, 10, 27 |
| | | 67.500 | 60.000 | 148. 500 | 0 | 0 | 44, 44, 64 | 4, 5, 36 |
| 1006,0001 | | 71.584 | 59.903 | 197.000 | (* | 4) | 136, 216, 352 | 3, 5, 35 |
| 4096x2304 (*5) | 2048x1152 | 70. 992 | 59.909 | 156.750 | (* | 4) | 48, 32, 80 | 3, 5, 25 |
| (40) | | 72.000 | 60.000 | 162.000 | (* | 4) | 26, 80, 96 | 1, 3, 44 |
| | | 74.006 | 59.924 | 130. 250 | — | (*4) | 48, 32, 80 | 3, 4, 28 |
| 3200x2400 | 1600x1200 | 75.000 | 60.000 | 162.000 | _ | (*4) | 64, 192, 304 | 1, 3, 46 |
| (*5) | 100021200 | 74. 556 | 59.885 | 193. 250 | 0 | (*4) | 136, 200, 336 | 3, 6, 36 |
| | | 74. 038 | 59.950 | 154. 000 | 0 | (*4) | 48, 32, 80 | 3, 6, 26 |
| 4096x2400 | 2048x1200 | 74. 582 | 59.905 | 205. 250 | (* | 2) | 136, 216, 352 | 3, 10, 32 |
| (*5) | 204021200 | 74. 049 | 59.959 | 163.500 | 0 | (*4) | 48, 32, 80 | 3, 10, 22 |

•DVI 1x4

| Reso | lution | | Frequency | | Setting | g (*1) | Blanking information | |
|-------------------|-----------|---------------------|------------------|--------------------|---------|--------|--------------------------|------------------------|
| Composed | Divided | Horizontal [kHz] | Vertical [Hz] | Dot clock [MHz] | Normal | 1x4 | Horizontal FP, SW, BP | Vertical FP, SW, BP |
| | | 134. 036 | 59.918 | 178.000 | (*2 | 2) | 80, 104, 184 | 3, 10, 64 |
| 3840x2160 | 960x2160 | 133. 259 | 59.973 | 149. 250 | — | (*3) | 48, 32, 80 | 3, 10, 49 |
| 304UXZ10U | 9002100 | 133. 319 | 60.000 | 138. 652 | (*2 | 2) | 8, 32, 40 | 48, 8, 6 |
| | | 135.000 | 60.000 | 148. 500 | 0 | 0 | 44, 22, 74 | 8, 10, 72 |
| | | 134. 055 | 59.926 | 188. 750 | (*2 | 2) | 80, 112, 192 | 3, 10, 64 |
| 4096x2160 | 1004,0160 | 133. 235 | 59.962 | 157.750 | — | (*3) | 48, 32, 80 | 3, 10, 49 |
| 409082100 | 1024x2160 | 133. 320 | 60.000 | 147. 185 | (*2) | | 8, 32, 40 | 48, 8, 6 |
| | | 135.000 | 60.000 | 148. 500 | 0 | 0 | 22, 22, 32 | 8, 10, 72 |
| 4006-0204 | | 142. 103 | 59.959 | 168. 250 | — | (*4) | 48, 32, 80 | 3, 10, 53 |
| 4096x2304 | 1024x2304 | 143. 111 | 59.979 | 201.500 | (*2 | 2) | 80, 112, 192 | 3, 10, 69 |
| (*5) | | 142. 199 | 60.000 | 156. 988 | - | (*4) | 8, 32, 40 | 52, 8, 6 |
| 2040-2400 | | 147. 991 | 59.940 | 165.750 | — | (*4) | 48, 32, 80 | 3, 10, 56 |
| 3840x2400 | 960x2400 | 149.096 | 59.974 | 198.000 | (*2 | 2) | 80, 104, 184 | 3, 10, 73 |
| (*5) | | 148. 139 | 60.000 | 154.065 | (*4 | l) | 8, 32, 40 | 55, 8, 6 |
| 4006, 2400 | | 148.970 | 59.924 | 209. 750 | (*2 | 2) | 80, 112, 192 | 3, 10, 73 |
| 4096x2400 (*5) | 1024x2400 | 148.015 | 59.949 | 175. 250 | - | (*4) | 48, 32, 80 | 3, 10, 56 |
| (40) | | 148. 139 | 60.000 | 163. 546 | (*4 | l) | 8, 32, 40 | 55, 8, 6 |

*1: Indicates multi input mode settings that allow image signal to be used

*2: Since EDID is not supported, the setting has no effect (standard recommended).

*3: Only when the "Panel drive mode" is set to "4096x2160" *4: Only when the "Panel drive mode" is set to "4096x2400"

*5: In the case of an image signal whose vertical resolution exceeds 2160, if the panel drive mode is set to "4096x2160", it will be processed as "no signal." Therefore, set the mode to "4096x2400."

•HDMI (single)

| | | Frequency | | Settin | <u>ig (*1)</u> | 0 | nformation |
|--------------|---------------------|------------------|--------------------|--------|----------------|--------------------------|------------------------|
| Resolution | Horizontal [kHz] | Vertical [Hz] | Dot clock [MHz] | Normal | Single | Horizontal FP, SW, BP | Vertical FP, SW, BP |
| 640x480 | 31.469 | 59.940 | 25. 175 | 0 | 0 | 16, 96, 48 | 10, 2, 33 |
| 720x480 | 31.469 | 59.940 | 27.000 | 0 | 0 | 16, 62, 60 | 9, 6, 30 |
| 720x576 | 31.250 | 50.000 | 27.000 | 0 | 0 | 12, 64, 68 | 5, 5, 39 |
| 800x600 | 37.879 | 60.317 | 40.000 | 0 | 0 | 40, 128, 88 | 1, 4, 23 |
| | 18.000 | 24.000 | 59.400 | 0 | 0 | 1760, 40, 220 | 5, 5, 20 |
| 1280x720 | 37.500 | 50.000 | 74. 250 | 0 | 0 | 440, 40, 220 | 5, 5, 20 |
| | 45.000 | 60.000 | 74. 250 | 0 | 0 | 110, 40, 220 | 5, 5, 20 |
| 1024x768 | 48.363 | 60.004 | 65.000 | 0 | 0 | 24, 136, 160 | 3, 6, 29 |
| 1000 700 | 47.712 | 59.790 | 85.500 | _ | 0 | 70, 143, 213 | 3, 3, 24 |
| 1366x768 | 48.000 | 60.000 | 72.000 | (* | 2) | 14, 56, 64 | 1, 3, 28 |
| 1440.000 | 55. 935 | 59.887 | 106. 500 | 0 | 0 | 80, 152, 232 | 3, 6, 25 |
| 1440x900 | 55.469 | 59.901 | 88. 750 | 0 | 0 | 48, 32, 80 | 3, 6, 17 |
| 1280x1024 | 63. 981 | 60.020 | 108.000 | 0 | 0 | 48, 112, 248 | 1, 3, 38 |
| | 28. 125 | 50,000 | 74. 250 | 0 | 0 | 528, 44, 148 | 4.5, 10, 30. |
| 1920x1080(I) | 31.250 | 50,000 | 72.000 | (* | - | 32, 168, 184 | 45.5, 10, 114. |
| | 33. 750 | 60.000 | 74. 250 | Ò | 0 | 88, 44, 148 | 4. 5, 10, 30. |
| | 27.000 | 24.000 | 74. 250 | Ō | 0 | 638, 44, 148 | 4, 5, 36 |
| 1920x1080 | 56. 250 | 50,000 | 148. 500 | 0 | 0 | 528, 44, 148 | 4, 5, 36 |
| | 67.500 | 60.000 | 148. 500 | Õ | 0 | 88, 44, 148 | 4, 5, 36 |
| | 66. 576 | 59. 924 | 147.000 | Õ | 0 | 48, 32, 80 | 3, 10, 18 |
| 2048x1080 | 67.500 | 60.000 | 148. 500 | 0 | 0 | 44, 44, 64 | 4, 5, 36 |
| | 26.400 | 24.000 | 99.000 | Õ | 0 | 998, 44, 148 | 4, 5, 11 |
| | 56. 250 | 50.000 | 185. 625 | 0 | 0 | 548, 44, 148 | 4, 5, 36 |
| 2560x1080 | 66. 636 | 59.978 | 181. 250 | (* | 2) | 48, 32, 80 | 3, 10, 18 |
| | 66.000 | 60.000 | 198.000 | 0 | 0 | 248, 44, 148 | 4, 5, 11 |
| | 74. 556 | 59.885 | 193. 250 | Ō | Õ | 136, 200, 336 | 3, 6, 36 |
| 1920x1200 | 74.038 | 59.950 | 154.000 | Ō | 0 | 48, 32, 80 | 3, 6, 26 |
| | 74. 582 | 59.905 | 205. 250 | 0 | Ō | 136, 216, 352 | 3, 10, 32 |
| 2048x1200 | 74. 100 | 60,000 | 157. 684 | (* | - | 8, 32, 40 | 21, 8, 6 |
| | 88.787 | 59.951 | 241.500 | _ ` | 0 | 48, 32, 80 | 3, 5, 33 |
| 2560x1440 | 98.713 | 59.972 | 268. 500 | 0 | Õ | 48, 32, 80 | 3, 6, 37 |
| | 52. 593 | 23, 993 | 266. 750 | (* | 2) | 216. 400. 616 | 3, 5, 24 |
| | 52. 438 | 23, 999 | 209. 750 | (* | 2) | 48, 32, 80 | 3, 5, 17 |
| | 54.000 | 24.000 | 297.000 | Ò | 0 | 1276, 88, 296 | 8, 10, 72 |
| 3840x2160 | 56. 250 | 25.000 | 297.000 | Õ | Õ | 1056, 88, 296 | 8, 10, 72 |
| | 67.500 | 30.000 | 297.000 | Õ | 0 | 176, 88, 296 | 8, 10, 72 |
| | 112.500 | 50.000 | 594.000 | (* | - | 1056, 88, 296 | 8, 10, 72 |
| | 135.000 | 60.000 | 594.000 | (* | | 176, 88, 296 | 8, 10, 72 |
| | 52. 561 | 23. 979 | 284. 250 | (* | | 224, 432, 656 | 3, 10, 19 |
| | 52. 397 | 23. 980 | 223.000 | (* | | 48, 32, 80 | 3, 10, 12 |
| | 54.000 | 24. 000 | 297.000 | 0 | 0 | 1020, 88, 296 | 8, 10, 72 |
| 4096x2160 | 56. 250 | 25.000 | 297.000 | 0 | 0 | 968, 88, 128 | 8, 10, 72 |
| 100072100 | 67.500 | 30.000 | 297.000 | 0 | 0 | 88, 88, 128 | 8, 10, 72 |
| | 112. 500 | 50.000 | 594.000 | (* | - | 968, 88, 128 | 8, 10, 72 |
| | 112.000 | 00.000 | 007.000 | · (* | J/ | | , iv, iZ |

*1: Indicates multi input mode settings that allow image signal to be used

*2: Since EDID is not supported, the setting has no effect (standard recommended).
*3: Only when the "Panel drive mode" is set to "4096x2160"
*4: Only when the "Panel drive mode" is set to "4096x2400"
*6: If HDMI-1/HDMI-2 EDID is set to High compatibility, only YCbCr420 can be displayed.

| •HDMI 1x2 ** Follow HDMI-1.4 standards when you input with two HDMI terminals. | | | | | | | | |
|--|-----------|---------------------|------------------|--------------------|--------|--------|--------------------------|------------------------|
| Reso | lution | | Frequency | | Settin | g (*1) | Blanking i | nformation |
| Composed | Divided | Horizontal [kHz] | Vertical [Hz] | Dot clock [MHz] | Normal | 1x2 | Horizontal FP, SW, BP | Vertical FP, SW, BP |
| 1280x480 | 640x480 | 31.469 | 59.940 | 25. 175 | 0 | 0 | 16, 96, 48 | 10, 2, 33 |
| 1440x480 | 720x480 | 31.469 | 59.940 | 27.000 | 0 | 0 | 16, 62, 60 | 9, 6, 30 |
| 1440x576 | 720x576 | 31.250 | 50.000 | 27.000 | 0 | 0 | 12, 64, 68 | 5, 5, 39 |
| 2560x720 | 1280x720 | 37.500 | 50.000 | 74. 250 | 0 | 0 | 440, 40, 220 | 5, 5, 20 |
| 2000x720 | 12008720 | 45.000 | 60.000 | 74. 250 | 0 | 0 | 110, 40, 220 | 5, 5, 20 |
| 3840x1080 | 1920x1080 | 28. 125 | 50.000 | 74. 250 | 0 | 0 | 528, 44, 148 | 4.5, 10, 30.5 |
| (1) | (1) | 33. 750 | 60.000 | 74. 250 | 0 | 0 | 88, 44, 148 | 4.5, 10, 30.5 |
| 3840x1080 | 1920x1080 | 67.500 | 60.000 | 148. 500 | 0 | 0 | 88, 44, 148 | 4, 5, 36 |
| 2560x1600 | 1280x1600 | 98.611 | 59.910 | 142.000 | — | 0 | 48, 32, 80 | 3, 10, 33 |
| | | 52. 404 | 23. 983 | 109.000 | (* | 2) | 48, 32, 80 | 3, 10, 12 |
| | | 54.000 | 24.000 | 148.500 | _ | (*3) | 638, 44, 148 | 8, 10, 72 |
| 3840x2160 | 1920x2160 | 112. 500 | 50.000 | 297.000 | — | 0 | 528, 44, 148 | 8, 10, 72 |
| 3040X2100 | 192022100 | 133. 293 | 59.988 | 277.250 | (* | 2) | 48, 32, 80 | 3, 10, 49 |
| | | 135.000 | 60.000 | 297.000 | 0 | 0 | 88, 44, 148 | 8, 10, 72 |
| | | 133. 320 | 60.000 | 266. 640 | (* | 2) | 8, 32, 40 | 48, 8, 6 |
| | | 52. 515 | 23.957 | 142.000 | (* | 2) | 112, 216, 328 | 3, 10, 19 |
| | | 52. 423 | 23. 992 | 115.750 | (* | 2) | 48, 32, 80 | 3, 10, 12 |
| | | 54.000 | 24.000 | 148.500 | — | 0 | 510, 44, 148 | 8, 10, 72 |
| 4096x2160 | 2048x2160 | 112. 500 | 50.000 | 297.000 | _ | 0 | 484, 44, 64 | 8, 10, 72 |
| | | 133. 265 | 59.975 | 294. 250 | (* | 2) | 48, 32, 80 | 3, 10, 49 |
| | | 133. 320 | 60.000 | 283. 704 | (* | 2) | 8, 32, 40 | 48, 8, 6 |
| | | 135.000 | 60.000 | 297.000 | 0 | 0 | 44, 44, 64 | 8, 10, 72 |
| 3200x2400 (*5) | 1600x2400 | 148.011 | 59. 948 | 260. 500 | _ | (*4) | 48, 32, 80 | 3, 10, 56 |
| 3840x2400 (*5) | 1920x2400 | 148. 140 | 60.000 | 296. 280 | (* | 2) | 8, 32, 40 | 55, 8, 6 |

| •HDMI 1x2 | ** Follow HDMI-1.4 standards when you input with two HDMI terminals. |
|-----------|--|
|-----------|--|

*1: Indicates multi input mode settings that allow image signal to be used

*2: Since EDID is not supported, the setting has no effect (standard recommended).

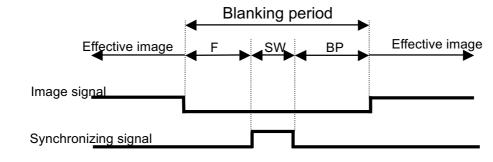
*3: Only when the "Panel drive mode" is set to "4096x2160"

*4: Only when the "Panel drive mode" is set to "4096x2400"

*5: In the case of an image signal whose vertical resolution exceeds 2160, if the panel drive mode is set to "4096x2160", it will be processed as "no signal." Therefore, set the mode to "4096x2400."

About blanking information

The following figure shows the structure of the blanking period that is inserted between image signal frames.



FP: front porch, SW: synchronizing width, BP: back porch

3-4 HDMI deep color compatibility table

•RGB444 and YCbCr444

| Resolution | | Frequency | | 8bit | 10bit | 12bit | |
|-------------------|---------------------|------------------|--------------------|---------|---------|---------|--|
| (single terminal) | Horizontal [kHz] | Vertical [Hz] | Dot clock [MHz] | support | support | support | |
| 640x480 | 31.469 | 59.940 | 25. 175 | 0 | 0 | 0 | |
| 720x480 | 31.469 | 59.940 | 27.000 | 0 | 0 | 0 | |
| 720x576 | 31.250 | 50.000 | 27.000 | 0 | 0 | 0 | |
| | 18.000 | 24.000 | 59.400 | 0 | 0 | 0 | |
| 1280x720 | 37. 500 | 50.000 | 74. 250 | 0 | 0 | 0 | |
| | 45.000 | 60.000 | 74. 250 | 0 | 0 | 0 | |
| | 28. 125 | 50.000 | 74. 250 | 0 | 0 | 0 | |
| 1920x1080(I) | 31.250 | 50.000 | 72.000 | 0 | 0 | 0 | |
| | 33. 750 | 60.000 | 74. 250 | 0 | 0 | 0 | |
| | 27.000 | 24.000 | 74. 250 | 0 | 0 | 0 | |
| 1920x1080 | 56.250 | 50.000 | 148. 500 | 0 | 0 | 0 | |
| | 67.500 | 60.000 | 148. 500 | 0 | 0 | 0 | |
| | 26. 400 | 24.000 | 99.000 | 0 | 0 | 0 | |
| 2560x1080 | 56.250 | 50.000 | 185. 625 | 0 | — | — | |
| | 66.000 | 60.000 | 198.000 | 0 | — | — | |
| | 54.000 | 24.000 | 297.000 | 0 | (*7) | (*7) | |
| | 56. 250 | 25.000 | 297.000 | 0 | (*7) | (*7) | |
| 3840x2160 | 67.500 | 30.000 | 297.000 | 0 | (*7) | (*7) | |
| | 112. 500 | 50.000 | 594.000 | (*7) | — | — | |
| | 135.000 | 60.000 | 594.000 | (*7) | — | — | |
| | 54.000 | 24.000 | 297.000 | 0 | (*7) | (*7) | |
| | 56. 250 | 25.000 | 297.000 | 0 | (*7) | (*7) | |
| 4096x2160 | 67.500 | 30.000 | 297.000 | 0 | (*7) | (*7) | |
| | 112. 500 | 50.000 | 594.000 | (*7) | — | — | |
| | 135.000 | 60.000 | 594.000 | (*7) | — | — | |

•YCbCr420

| Resolution | | Frequency | | 8bit | 10bit | 12bit |
|-------------------|---------------------|------------------|--------------------|---------|---------|---------|
| (single terminal) | Horizontal [kHz] | Vertical [Hz] | Dot clock [MHz] | support | support | support |
| 3840x2160 | 112. 500 | 50.000 | 594.000 | 0 | (*7) | (*7) |
| 3040X2100 | 135.000 | 60.000 | 594.000 | 0 | (*7) | (*7) |
| 4096x2160 | 112. 500 | 50.000 | 594.000 | 0 | (*7) | (*7) |
| 4090X2100 | 135.000 | 60.000 | 594.000 | 0 | (*7) | (*7) |

*7: Supported only when HDMI-1/HDMI-2 EDID mode is set to Wide bandwidth.

4. States of this product

4-1 States

This product is in one of six states.

| State (*1) | Outline |
|------------------|---|
| | No power is being supplied from outside. |
| No Power | The projector does not operate at all. |
| | |
| | Power is being supplied from outside. However, the circuit is only |
| Off (Standby) | partially live and the projector itself is not active. |
| on (otanoby) | Depending on the some functions settings, this status can be categorized |
| | into 4 modes. |
| | A status where the projector is used normally. |
| Projection (On) | Power is being supplied to the entire circuit. |
| | The light source is lit, and image is projected. |
| | Power is supplied to the entire circuit except panel circuit. |
| Lamp Off | The light source is unlit and the cooling fan is operating. |
| Lamp On | Some action changes the projector to the projection state. However, the |
| | light source on time is the same as actual activation. |
| | Power is being from outside but the projector cannot be activated. |
| Error | To use the projector, action should be taken according to the contents of |
| | the error type. |
| Pre-warning | If the temperature becomes almost abnormal, the projector displays the |
| C C | warning of high temperature. |
| High temperature | .This state is cleared when the temperature goes down. |
| Pre-warning | When a given time elapses, a filter replacement warning is displayed. |
| Air filter | This state is cleared when the air filter counter is reset. |

4-2 Type of Error

Each error state is defined as below.

| Error name | Outline |
|-----------------------------|--|
| | • The internal temperature is abnormally high. |
| Temperature abnormality | • The outside air temperature is higher than specified. |
| | Malfunction of thermal sensor |
| Faulty light source | Light source unit failure |
| | Fluorescent material wheel error |
| Faulty air filter unit | • The air filter cover is not closed. |
| Faulty cooling fan | • The cooling fan does not operate normally. |
| | • The supply voltage is abnormal. |
| Faulty power supply | Rear exterior is not mounted properly. |
| | Other abnormal is occurred. |
| Faulty lens shift connector | Lens shift connector is not connected |
| | (It is necessary to detect the lens shift position) |

** Each error state may be caused by a fault other than the above.

5. Wireless specification

(The wireless feature is not available on the 4K601Z.)

5-1 States

| Transmission | IEEE 802.11b |
|---------------------|---|
| | IEEE 802.11g |
| standards | IEEE 802.11n |
| Transmission | About 25 m |
| | When no electric wave interference from the perimeter and when clear viewing to the |
| distance | access point |
| Wi-Fi certification | Acquired |
| | |
| WPS | Support: Push button method (PBC), PIN code method (PIN) |
| | Open |
| | WEP |
| | WPA-PSK TKIP |
| Encryption | WPA-PSK AES |
| | WPA2-PSK TKIP |
| | WPA2-PSK AES |
| Composition mode | Infrastructure mode |
| Connection mode | PjAP mode |

5-2 Connection modes and Functions

| Mode | Infrastructure | PjAP |
|------------------|----------------------------------|------------------------------|
| Conection method | WPS (PBC, PIN)/ manual | Manual |
| | User command (*1) | User command (*1) |
| Usable | Control with the browser | Control with the browser |
| | Mail | |
| | SNMP | Mail |
| Not usable | PJLink / AMX / Crestron RoomView | SNMP |
| NUL USADIE | Firmware update | PJLink/AMX/Crestron RoomView |
| | | Firmware update |

*1: The power-on command cannot be used over a wireless connection.

5-2 Auto Search

This product automatically searches for connection destinations and establishes connection under the following conditions.

- When the wireless network function is turned on.
- When the projector is started with the wireless network function turned on.

| Mode | Infrastructure | PjAP | |
|----------------------------|--|-------------------------------------|--|
| connection destinations | The last connection destination a earlier destinations (*2) | and The last connection destination | |

*2: This document omits the details of the search scope and procedure.

6. Accessories

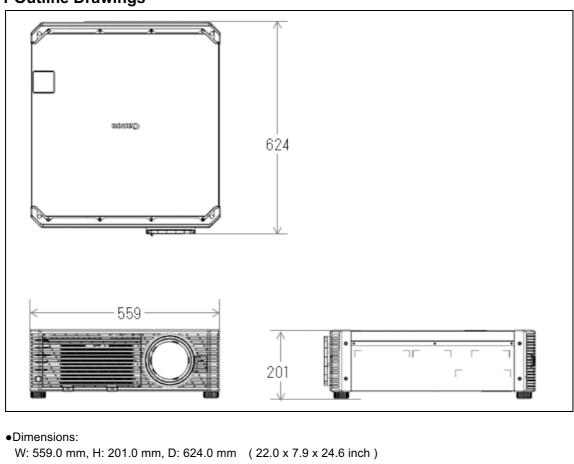
| Main Supplied | Remote Control RS-RC05 | Power supply: DC 3.0V (with two AA battery) Communication range: approx. 8 m within ±25 degrees of the receiver Allows for wireline connection (*1) |
|----------------------|--|--|
| Accessories | Power code | Connects the unit to a power source. |
| | Ceiling Attachment RS-CL15 (*2) | This is used for ceiling mount. |
| | Ceiling Attachment Arm RS-CL17 (*3) | This is used for ceiling mount. |
| Ontional Parta | Ceiling Pipe 400-600mm RS-CL08 | The RS-CL08 is used in combination with the RS-CL15 to suspend the projector at a distance below the ceiling. |
| Optional Parts | Ceiling Pipe 600-1000mm RS-CL09 | The RS-CL09 is used in combination with the RS-CL15 to suspend the projector at a distance below the ceiling. |
| | Remote Control RS-RC04 | Power supply: DC 3.0V (with two AAA battery) Communication range: approx. 8 m within ±25 degrees of the receiver |
| | Remote Control RS-RC05 | Same as the supplied remote. |
| Replacement Parts | Replacement air filter RS-FL04 | This filter is installed at the air intake to prevent dust from entering. |

*1: Uses a commercially available audio cable (3.5Φ stereo mini-plug) for cable connection.
*2: Do not attach a difference model's attachment. The size and the weight of a product are different from other modes. Consult a building professional before attempting to mount the projector to a ceiling.

*3: RS-CL15 and RS-CL17 are used together to mount the 4K600Z/4K601Z on a ceiling.

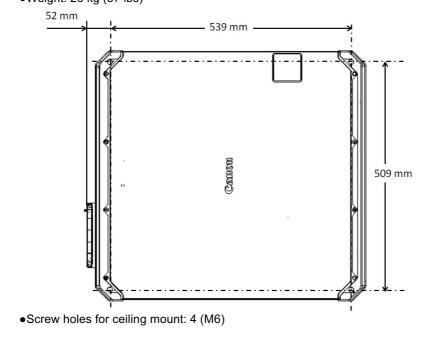
7. Product Appearance

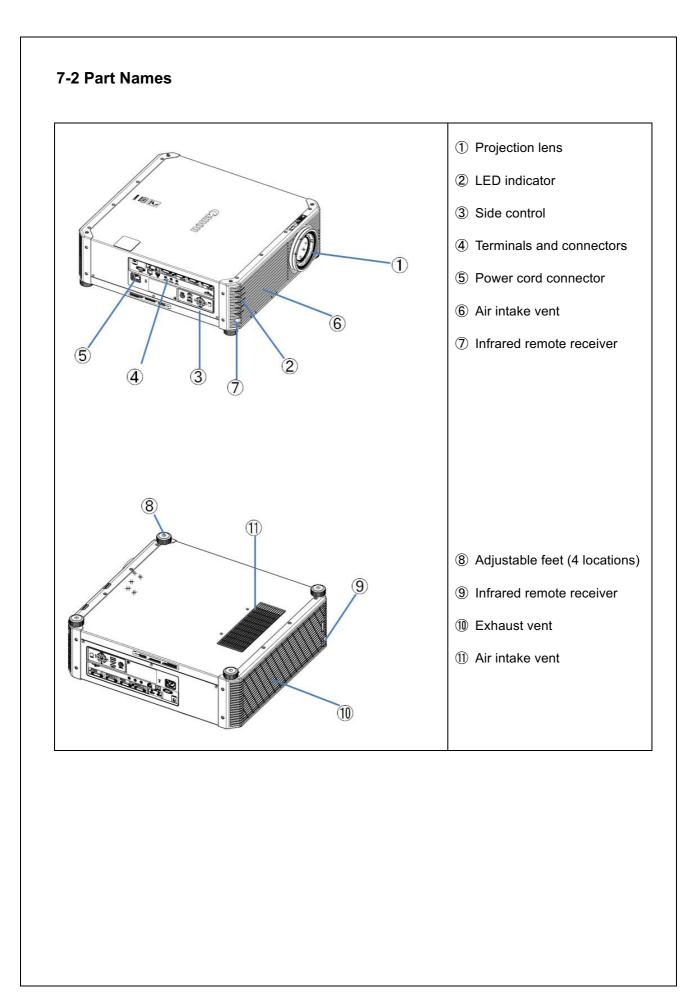
7-1 Outline Drawings



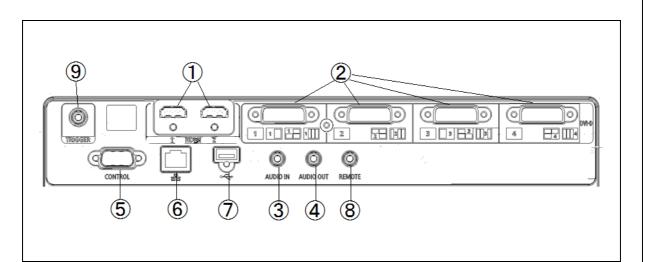
(Not including protrusion --- W: 555.0 mm, H: 177.0 mm, D: 605.0 mm (21.9 x 7.0 x 23.8 inch)) Lens center: 146.5 mm from the left side ('front" is the side where lens is attached.) 111.0 mm from the installed surface







7-3 Terminals



| Туре | Ter | minal | Signal |
|--------------|--------------------------|------------|---------------------------------|
| | 1 | HDMI (1) | Digital PC/Digital video |
| | U | HDMI (2) | Digital PC/Digital video |
| Imaga input | | DVI-D (1) | Digital PC |
| Image input | 0 | DVI-D (2) | Digital PC |
| | 2 | DVI-D (3) | Digital PC |
| | | DVI-D (4) | Digital PC |
| Audio input | 3 | Mini jack | Stereo audio |
| Audio output | 4 | Mini jack | Stereo audio |
| | 5 | Dsub9 | RS-232C connection |
| | 6 | RJ-45 | 1000BASE-T/100BASE-TX/10BASE-T |
| Control | $\overline{\mathcal{O}}$ | USB type A | USB connection |
| | 8 | Mini jack | Wired remote control connection |
| | 9 | Mini jack | Trigger output |

•Wireline connection for the remote

The unit can be operated by a wired remote RS-RC05 (option).

When a cable is connected to the unit's remote terminal, the unit switches to a mode in which no infrared signal is accepted, so that the unit would not respond to other remote.

In addition, when a cable is connected to the wireline connection terminal on the remote, the remote also switches to a mode in which no infrared signal is transmitted.

When the remote is wired, the user does not have to make the channel settings on the unit or the remote.

**Note:

If the cable connecting the unit and the remote breaks, the unit will become inoperable from any remote.

Trigger output

This terminal supplies 12 VDC for driving switches on external equipment. The supply timing is selected using the following menu.

System settings menu > Other settings > Trigger out

7-4 Indicators and Control buttons

Illuminate to indicate the projector state.

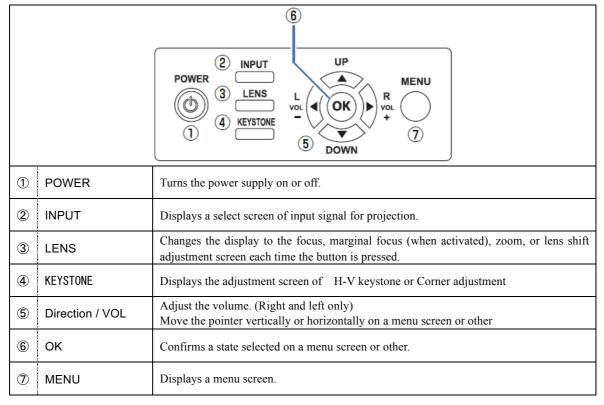
| | projector state. | | |
|----------|---------------------|----------|---|
| | | Lit | Projection state |
| POWER ON | POWER ON (Green) | Blinking | Initializing (Off \rightarrow On), Lamp off state |
| | (0.001) | Off | Other than above |
| STAND BY | | Lit | Off state |
| | STAND BY (Red) | Blinking | Shutting down (On \rightarrow Off) , Lamp off state |
| | (Ited) | Off | Other than above |
| | | Lit | Error state |
| WARNING | WARNING (Red) | Blinking | Error state |
| | (100) | Off | No error state |
| | L IOLIF | Lit | Light source error (*1) |
| LAMP | LIGHT (Orange) | Blinking | (Unavailable) |
| | (Orange) | Off | No error state |
| | | Lit | Temperature error |
| П ТЕМР | TEMP (Red) | Blinking | When a temperature error condition is imminent |
| | (| Off | Other than above |

By the combination of indicator states, various other states are indicated.

For details, refer to the user's manual.

*1: [Warning] lights together.

Control the projector by button operation.



7-5 Remote Control

The supplied remote RS-RC05can be used either through wired or wireless (infrared signal) connection.



| hanging of input signal -V keystone/Corner adjustmen enu irection (Moving) olume adjustment K n the menu screen on th spect selection est pattern nage mode selection the remote hanging of DVI input hanging of HDMI input lears a temporary condition loses menu screen ocus/Marginal focus oom adjustment ens shift adjustment |
|--|
| -V keystone/Corner adjustmen enu irection (Moving) olume adjustment K n the menu screen on th spect selection est pattern nage mode selection the remote hanging of DVI input hanging of HDMI input lears a temporary condition loses menu screen ocus/Marginal focus oom adjustment ens shift adjustment |
| irection (Moving) olume adjustment K n the menu screen on th spect selection est pattern nage mode selection the remote hanging of DVI input hanging of HDMI input lears a temporary condition loses menu screen ocus/Marginal focus oom adjustment ens shift adjustment |
| olume adjustment K n the menu screen on th spect selection est pattern nage mode selection the remote hanging of DVI input hanging of HDMI input lears a temporary condition loses menu screen ocus/Marginal focus oom adjustment ens shift adjustment |
| olume adjustment K n the menu screen on th spect selection est pattern nage mode selection the remote hanging of DVI input hanging of HDMI input lears a temporary condition loses menu screen ocus/Marginal focus oom adjustment ens shift adjustment |
| K spect selection est pattern nage mode selection the remote hanging of DVI input hanging of HDMI input lears a temporary condition loses menu screen ocus/Marginal focus oom adjustment ens shift adjustment |
| spect selection est pattern nage mode selection the remote hanging of DVI input hanging of HDMI input lears a temporary condition loses menu screen ocus/Marginal focus oom adjustment ens shift adjustment |
| est pattern nage mode selection the remote hanging of DVI input hanging of HDMI input lears a temporary condition loses menu screen ocus/Marginal focus oom adjustment ens shift adjustment |
| hage mode selection the remote hanging of DVI input hanging of HDMI input lears a temporary condition loses menu screen ocus/Marginal focus oom adjustment ens shift adjustment |
| the remote hanging of DVI input hanging of HDMI input lears a temporary condition loses menu screen ocus/Marginal focus oom adjustment ens shift adjustment |
| hanging of DVI input hanging of HDMI input lears a temporary condition loses menu screen ocus/Marginal focus oom adjustment ens shift adjustment |
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| loses menu screen ocus/Marginal focus oom adjustment ens shift adjustment |
| oom adjustment ens shift adjustment |
| oom adjustment ens shift adjustment |
| ens shift adjustment |
| |
| reeze |
| lank |
| Iute |
| put numbers |
| hannel setting of remote |
| (for analog PC input) |
| (Unavailable function) |
| (Unused signal) |
| (Unavailable function) |
| (Unavailable function) |
| |

Channel settings on the remote

| Ch1 | Press and hold [Ch] and [1] buttons for 3 seconds at the same time |
|-------------|--|
| Ch2 | Press and hold [Ch] and [2] buttons for 3 seconds at the same time |
| Ch3 | Press and hold [Ch] and [3] buttons for 3 seconds at the same time |
| Ch4 | Press and hold [Ch] and [4] buttons for 3 seconds at the same time |
| Independent | Press and hold [Ch] and [0] buttons for 3 seconds at the same time |

A remote set to "Independent" can control any projector ignoring the projectors' channel settings.

| | to the projection lens while it is proj ts very bright light, which may damage your v | 8 |
|--|---|--|
| Do not place o | bjects in front of the lens while proj | ecting. |
| Objects may heat | up and burn if exposed to the concentrated ligh | t of the projector for long periods. |
| Do not block t | the vent (intake air & exhaust) while | the projector is running. |
| | build up inside the unit may lead to malfunction | |
| 0 | vith low atmospheric pressure (*1) , u | 8 8 |
| To prevent internal *1: 2300m or more | l overheat, set the "High altitude" function "On above sea level the precautions to be taken durin | n". ng normal usage, be careful no |
| To prevent internal *1: 2300m or more | l overheat, set the "High altitude" function "On above sea level | n". ng normal usage, be careful no |
| To prevent internal *1: 2300m or more In addition to accidentally ex Safety measures a | l overheat, set the "High altitude" function "On above sea level the precautions to be taken durin | n". ng normal usage, be careful no am. curring due to parts exchange in this pro- |
| To prevent internal *1: 2300m or more In addition to accidentally ex Safety measures a However, in additi (*2) when in use. *2: The following t | l overheat, set the "High altitude" function "On above sea level the precautions to be taken durin pose yourself directly to the laser be re taken to prevent laser oscillations from occ | n". ag normal usage, be careful no am. curring due to parts exchange in this pro- ag parts, avoid direct projection from the |