

# Specifications

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## Display system

### Display system

3 LCD system

## Display device

### Size of effective display area

0.64" (16.3 mm) x 3 BrightEra LCD Panel, Aspect ratio: 16:10

### Number of pixels

6,912,000 (1920 × 1200 × 3) pixels

## Projection lens

### Focus

Manual

### Zoom - Powered/Manual

Manual

### Zoom - Ratio

Approx. x 1.45

### Throw Ratio

1.5:1 to 2.2:1

### Lens shift - Powered/Manual

Manual

### Lens shift - Range Vertical

+/- 5%

### Lens shift - Range Horizontal

+/- 4%

## Light source

### Light source

Ultra high pressure mercury lamp

### Wattage

280 W type

## Recommended lamp replacement time\*1

### Lamp mode: High

2500 H

### Lamp mode: Standard

3000 H

### Lamp mode: Low

3500 H

## Filter cleaning / replacement cycle (Max.) \*1

### Filter cleaning / replacement cycle (Max.)

Same as the lamp replacement

## Screen size

### Screen size

40" to 300" (1.02 m to 7.62 m) (measured diagonally)

## Light output

### Lamp mode: High

5000 lm

### Lamp mode: Standard

3600 lm

### Lamp mode: Low

3100 lm

## Color light output

**Lamp mode: High**

5000 lm

**Lamp mode: Standard**

3600 lm

**Lamp mode: Low**

3100 lm

**Contrast ratio (full white / full black)\*2****Contrast ratio (full white / full black)**

2500: 1

**Speaker****Speaker**

12W × 1 (monaural)

**Displayable scanning frequency****Horizontal**

19 kHz to 92 kHz

**Vertical**

48 Hz to 92 Hz

**Display resolution****Computer signal input**

Maximum display resolution: 1920 × 1200 dots\*3

**Video signal input**

480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i

The following items are available for digital signal only; 1080/60p, 1080/50p, 1080/24p

**Colour system****Colour system**

NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N

## Key stone correction (Max)

### Vertical

+/- 30 degrees

### Horizontal

+/- 20 degrees

## OSD language

### OSD language

24-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Simplified Chinese, Traditional Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic, Turkish, Polish, Vietnamese, Farsi, Indonesian, Finnish, Hungarian, Greek)

## INPUT OUTPUT (Computer/Video/Control)

### INPUT A

RGB / Y PB PR input connector: Mini D-sub 15-pin (female)

Audio input connector: Stereo mini jack

### INPUT B

HDMI input connector: HDMI 19-pin, HDCP support

### INPUT C

HDMI input connector: HDMI 19-pin, HDCP support

### S-VIDEO IN

S-video input connector: Mini DIN 4-pin

### VIDEO IN

Video input connector: Phono jack

### OUTPUT

Monitor output connector\*4: Mini D-sub 15-pin (female)

Audio output connector\*5: Stereo mini jack

### REMOTE

RS-232C connector: D-sub 9-pin (male)

### LAN

RJ-45,10BASE-T/100BASE-TX

### USB

Type-A

### USB

Type-B

## **MICROPHONE IN**

Mini jack

## **Acoustic noise**

### **Lamp mode: Low**

29 dB

## **Operating temperature (Operating humidity)**

### **Operating temperature (Operating humidity)**

0°C to 40°C (32°F to 104°F) / 20% to 80 (no condensation)

## **Storage temperature (Storage humidity)**

### **Storage temperature (Storage humidity)**

-20°C to +60°C / -4°F to +140°F (20% to 80%; no condensation)

## **Power requirements**

### **Power requirements**

AC 100 V to 240 V, 3.9 A to 1.7 A, 50/60 Hz

## **Power consumption**

### **AC 100 V to 120 V**

Lamp mode: High: 388 W

### **AC 220 V to 240 V**

Lamp mode: High: 367 W

## **Power Consumption (Standby Mode)**

### **AC 100 V to 120 V**

0.3 W (when "Standby mode" is set to "Low")

### **AC 220 V to 240 V**

0.5 W (when "Standby mode" is set to "Low")

## Power Consumption (Networked Standby Mode)

### AC 100 V to 120 V

5.0 W (LAN)

5.1W (optional WLAN module)

5.3W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard")

### AC 220 V to 240 V

5.2 W (LAN)

5.3 W (optional WLAN module)

5.5 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard")

## Standby Mode / Networked Standby Mode Activated

### Standby Mode / Networked Standby Mode Activated

After about 10 Minutes

## Wireless Network(s) On/Off Switch

### Wireless Network(s) On/Off Switch

1) Press the MENU button, then select [Connection/Power]

2) [WLAN Settings]

3) [WLAN Connection]

4) Select On or Off

## Heat dissipation

### AC 100 V to 120 V

1323 BTU/h

### AC 220 V to 240 V

1252 BTU/h

## Dimensions (W x H x D)

### Dimensions (W x H x D) (without protrusions)

Approx. 406 × 113 × 330.5 mm (15 31/32 × 4 7/16 × 13 inches)

## Mass

### Mass

Approx. 5.7 kg (12 lb)