

# Specifications

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## Display system

### Display system

3 LCD system

## Display device

### Size of effective display area

0.76" (19 mm) x 3 BrightEra LCD Panel, Aspect ratio: 16:10

### Number of pixels

6,912,000 (1920 x 1200 x 3) pixels

## Projection lens \*1

### Focus

Powered

### Zoom - Powered/Manual

Powered (Approx. 1.6 x)

### Throw ratio

1.39:1 to 2.23:1

### Lens shift - Powered/Manual

Powered

### Lens shift - Range Vertical

-5.0%, +60%

### Lens shift - Range Horizontal

+/- 32%

## Light source

**Type**

Ultra high pressure mercury lamp

**Wattage**

370 W type

**Recommended lamp replacement time \*2****Lamp mode: High**

3000 H

**Lamp mode: Low**

4000 H

**Filter cleaning / replacement cycle (Max.)\*2****Filter cleaning / replacement cycle (Max.)**

20000 H (service maintenance)

**Screen size****Screen size**

40" to 600" (1.02 m to 15.24 m) (measured diagonally)

**Light output****Lamp mode: High**

6000 lm

**Lamp mode: Standard**

4400 lm

**Color light output****Lamp mode: High**

6000 lm

**Lamp mode: Standard**

4400 lm

## **Contrast ratio (full white / full black) \*3**

### **Contrast ratio (full white / full black)**

2000:1

## **Displayable scanning frequency**

### **Horizontal**

15 kHz to 92 kHz

### **Vertical**

48 Hz to 92 Hz

## **Display resolution**

### **Computer signal input**

Maximum display resolution: 1920 x 1200 dots \*4

### **Video signal input**

NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i

The following items are available for digital signal (HDMI input) only; 1080/60P, 1080/50p, 1080/24p

## **Color system**

### **Color system**

NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60

## **Keystone correction (Max.)**

### **Horizontal**

+/- 30 degrees

### **Vertical**

+/- 30 degrees

## **OSD language**

### **OSD language**

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

DVI input connector: DVI-D 24-pin (single link), HDCP support  
Audio input connector: Shared with INPUT A

### **INPUT C**

HDMI input connector: HDMI 19-pin, HDCP support  
Audio input connector: HDMI audio support

### **INPUT D**

HDBaseT interface connector: RJ45, 4 play (Video, Audio, LAN, Control)

### **VIDEO IN**

Video input connector: BNC  
Audio input connector: Shared with INPUT A

### **OUTPUT A**

Monitor output for INPUT A connector: Mini D-sub 15-pin (female)  
Audio output connector: Stereo mini jack

### **OUTPUT B**

Monitor output for INPUT B connector: DVI-D 24-pin (single link), HDCP not supported  
Audio output Monitor out connector: Stereo mini jack

### **REMOTE**

D-sub 9-pin (male) / RS232C

### **LAN**

RJ45, 10BASE-T/100BASE-TX

### **IR (Control S)**

Stereo mini jack, Plug in power DC5V

## **Acoustic Noise**

### **Lamp mode: Standard**

28 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**

-10°C to +60°C (14°F to +140°F) / 20% to 80% (no condensation)

## **Power requirements**

### **Power requirements**

AC 100 V to 240 V, 5.0 A to 2.1 A, 50 Hz / 60 Hz

## **Power consumption**

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

Lamp mode: High: 498 W

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

Lamp mode: High: 483 W

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

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

0.5 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**

15.0 W (LAN)

15.0 W (HDBaseT)

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

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

13.3 W (LAN)

13.3 W (HDBaseT)

13.3 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**

Approx. 10 Minutes

## **Heat dissipation**

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

1699 BTU/h

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

1648 BTU/h

## **Dimensions (W x H x D)**

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

460 x 169 x 515 mm

18 1/8 x 6 21/32 x 20 9/32 inches

## **Mass**

### **Mass**

Approx. 13 kg (28 lb)