

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

Zoom - Ratio

Approx. x 1.6

Throw ratio

1.39:1 to 2.23:1

Lens shift - Powered/Manual

Powered

Lens shift - Range Vertical

-5%, +60%

Lens shift - Range Horizontal

+/- 32%

Light source

Type

Laser diode

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 *3

Mode: Standard

5100lm *4

Mode: Standard (Centre)

5600lm *5

Mode: Middle

3500lm

Colour light output *3

Mode: Standard

5100lm

Mode: Middle

3500lm

Contrast ratio (full white / full black) *3

Contrast ratio (full white / full black)

500000:1

Displayable scanning frequency

Horizontal

15 kHz to 92 kHz

Vertical

48 Hz to 92 Hz

Accepted signal resolution

Computer signal input

Maximum signal resolution: 1920 x 1200 *6

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

Colour system

Colour system

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

Keystone correction (Max.)

Horizontal

+/- 30 degrees

Vertical

+/- 30 degrees

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 *3

Lamp mode: Middle

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, 4.5 A to 1.9 A, 50 Hz / 60 Hz

Power consumption

AC 100 V to 120 V

Mode: Standard: 420 W

AC 220 V to 240 V

Mode: Standard: 408 W

Power Consumption (Standby Mode)**AC 100 V to 120 V**

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

AC 220 V to 240 V

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

Power Consumption (Networked Standby Mode)**AC 100 V to 120 V**

15.0 W (LAN)

19.4 W (HDBaseT)

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

AC 220 V to 240 V

13.3 W (LAN)

17.4 W (HDBaseT)

17.4 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**

1433 BTU/h

AC 220 V to 240 V

1392 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

16 kg (34 lb)