

# LC-HDT700

Full HD & 3LCD + One

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Eiki grows with you

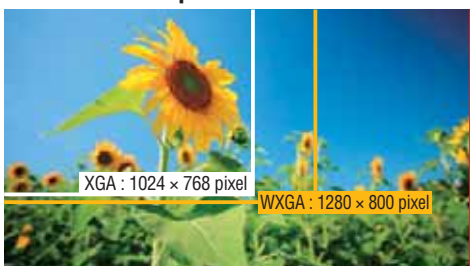
Real Full HD, 7000 lumens brightest in the class  
More beautiful More reliable More usable



## Outstanding Features

- 7000 Lumens, 2700 : 1 contrast ratio.
- "3LCD + One" imaging system delivers more sophisticated color.
- Inorganic optical engine is optimized for extend use.
- Easy Maintenance : 10000 hour cartridge air filter.
- Mortorized Zoom & Focus, & Lens shift. Range of lenses and modules.
- Picture in Picture & Picture by Picture. Edge Blending & Color Matching.
- Built-in Mechanical Shutter.

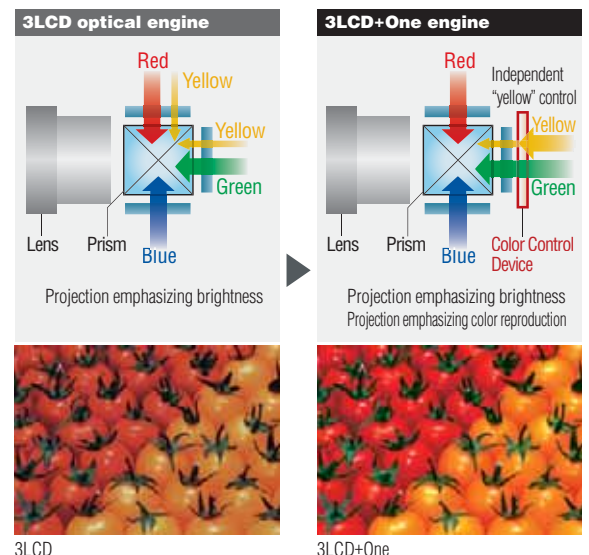
## Full HD 1080p resolution



1080p (Full HD) :  
1920 x 1080 pixel

## 3LCD+One engine

Adds a Color Control Device to the conventional 3LCD system in order to control yellow light independently.



The photo shown may differ from actual screen

## Lenses (option)

|              | Short Fixed Lens     | Short Zoom Lens           | Standard Zoom Lens        | Long Zoom Lens             |                         |                         |
|--------------|----------------------|---------------------------|---------------------------|----------------------------|-------------------------|-------------------------|
|              | AH-32013 (LNS-W34)   | AH-23123 (LNS-W33)        | AH-23082 (LNS-S32)        | AH-23133 (LNS-T34)         | AH-24241 (LNS-T32)      | AH-24251 (LNS-T33)      |
| Image        |                      |                           |                           |                            |                         |                         |
| Focal length | mm (in.) 22.3 (0.88) | 34.5 (1.36) ~ 48.3 (1.90) | 48.1 (1.89) ~ 62.5 (2.46) | 63.2 (2.49) ~ 113.8 (4.48) | 112 (4.41) ~ 155 (6.10) | 148 (5.83) ~ 234 (9.21) |
| F value      | F2.5                 | F2.5 ~ 3.06               | F1.7 ~ 2.0                | F2.1 ~ 2.8                 | F2.0 ~ 2.7              | F2.2 ~ 2.7              |
| Weight       | kg (lb.) 1.7 (3.7)   | 1.8 (4.0)                 | 1.7 (3.7)                 | 1.9 (4.2)                  | 1.7 (3.7)               | 2.0 (4.4)               |
| Zoom Focus   | Fixed / Manual       | x 1.4 / Motorized         | x 1.3 / Motorized         | x 1.8 / Motorized          | x 1.4 / Motorized       | x 1.56 / Motorized      |

## Terminal / Remote Control



Remote Control



Terminal

## Dimensions



W x H x D  
370.0 x 187.0 x 439.9 mm (14.6 x 7.36 x 17.3 in.)

## Specifications

|                                   |   |
|-----------------------------------|---|
| Screen Brightness (ANSI)          | Up to 7000 Lumens   |
| Illumination Uniformity           | 90 %  |
| Color Reproduction                | 1.06 Billion Colors   |
| Contrast Ratio                    | 2700 : 1  |
| Projection Lamp                   | 380 W NSHA  |
| Estimated Lamp Life               | 2000 H / 3000 H (Normal / Eco1, 2)  |
| Imaging System                    | 1.2" Polysilicon TFT active matrix LCD) x 3**1  |
| Total Pixels                      | 1920 x 1080 x 3   |
| Spec                              | F 1.7 ~ 2.1, f = 48.1 ~ 62.5 mm (1.89 ~ 2.46 in.) <LNS-S32>   |
| Lens (option)                     | 1 : 1.3 <LNS-S32>   |
| Zoom Ratio                        | 1 : 1.3 <LNS-S32>   |
| Zoom & Focus                      | motorized   |
| Lens Shift                        | Up / Down : +50 %, Left / Right : ±10%  |
| Image Diagonal                    | 102 ~ 1,524 cm (40 ~ 600 in.) <LNS-S32 / W33 / W34 / T34>, 102 ~ 1,016 cm (40 ~ 400 in.) <LNS-T32>, 152 ~ 1,016 cm (60 ~ 400 in.) <LNS-T33> |
| Image Width                       | 0.89 ~ 13.28 m (35.0 ~ 522.8 in.)   |
| Throw Distance (Wide ~ Tele)      | 0.7 ~ 78.5 m (27.6 ~ 3,090.5 in.)   |
| Front Elevation Adjustment        | Up to 6.5°  |
| Projector Orientation             | 360° Pitch (free installation)  |
| Keystone Correction               | U/D : + / - 30 degrees, Left / Right : + / - 30 degrees (with corner correction)  |
| Scanning Frequency                | Auto : H Sync. 15 ~ 120 kHz, V Sync. 48 ~ 100 Hz  |
| Dot Clock                         | 162 MHz (Analog)  |
| Image Orientation                 | Normal, Reverse, Invert, Rear   |
| Local Control                     | Full Function   |
| Wired Remote Jack                 | MiniStereo x 1  |
| Control Port (for RS-232 control) | D-sub 9 pin x 1   |
| Wired Network Port                | RJ-45 (100 Base-TX / 10 Base-T) x 1   |
| Computer Native Resolution        | 1920 x 1080 (Full HD)   |

|                                  |  |   |
|----------------------------------|--|---|
| Computer                         | Compatibility  | WUXGA ~ VGA, Mac  |
|                                  | Formats  | 1920 x 1080 through 640 x 480   |
| Video                            | System Compatibility   | NTSC, PAL, SECAM, NTSC 4.43, PAL-M&N                                  |
|                                  | HD Compatibility   | 1080p / 50, 1080p / 60, 1080i / 50, 1080i / 60, 720p / 50, 720p / 60, |
|                                  | SD Compatibility   | 480i, 480p, 575i, 575p  |
| Image Connections                | Formats Supported  | 16 : 9 (Default), 4 : 3   |
|                                  | Computer 1 Input   | D-sub 15 x 1, DVI-D x 1, HDMI x 1                                     |
|                                  | Computer 2 Input   | 5BNC x 1 (G, B, R, H/V, V) (VIDEO / Y, Pb / Cb, Pr / Cr)              |
|                                  | Computer 3 Input   | 3RCA (VIDEO / Y, Pb / Cb, Pr / Cr) x 1, Mini DIN 4-pin (S-Video) x 1  |
| Monitor Output                   | Analog RGB Signal Output D-sub15 x 1**2  |   |
| Other                            | D-sub25 x 1 (side cabinet) <for Network box (option)>, USB Type-B x 1  |   |
| Fan Noise                        | 42 dBA / 38 dBA (Normal / Eco)   |   |
| Cabinet Dimensions (W x H x D)*3 | 370.0 x 187.0 x 439.9 mm (14.6 x 7.36 x 17.3 in.)  |   |
| Cabinet Weight                   | 11.6 kg (25.6 lb.)   |   |
| Packaged Dimensions (W x H x D)  | 492.0 x 388.0 x 630.0 mm (19.37 x 15.28 x 24.80 in.)   |   |
| Packaged Weight                  | 16.1 kg (35.5 lb.)   |   |
| Power Requirements               | 100 ~ 120 / 200 ~ 240 V, 40 V, AC 50 / 60 Hz   |   |
| Power Consumption                | 100 ~ 120 V : 520 W / 430 W / 15 W<br>200 ~ 240 V : 500 W / 410 W / 17 W   |   |
| Power Cord                       | Detachable type  |   |
| Electrical Safety Compliance     | UL, cUL, IEC   |   |
| Electromagnetic Compatibility    | FCC, Class B, CE Mark  |   |
| Standard Accessories             | Remote Control, AAA Batteries x 2, Owner's Manual (CD-ROM), Computer Cable (D-sub 15 - D-sub 15), USB Cable, AC Power Cord, Lens Attachment, PIN Code Label, Lens Mount Cover, Light Block Sheet, Spacer |   |
| Optional Accessories             | PJ-to Net Director, PJ-Net 50, Lamp : POA-LMP149   |   |

\*1 Inorganic type with Color Control Device \*2 Analog RGB only \*3 Including protrusion