

# IN110xa Series

Unsurpassed lamp life. Outstanding Connectivity.

IN112xa, IN114xa, IN116xa

IN110xa Series projectors do more with ultra-long lamp life, high brightness, and amazing connectivity. Beam more perfect images and engage your audience with 2 HDMI inputs, VGA, video, and audio capability. Plus, compact design and light weight make them as easy to move around as they are to install.

## Why choose the IN110xa Series?

- Great performance and connectivity
- Long life lamp of 15,000 hours
- High 18,000:1 contrast ratio and 3,600 lumens
- Compact and light weight for easy portability
- Accurate and vivid color reproduction with BrilliantColor technology
- 2 HDMI connectivity
- Display 3D content from Blu-ray and PCs



| IN112xa                                                                           | IN114xa                                                                           | IN116xa                                                                            |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| SVGA<br>(800 x 600)<br>3600 lumens<br>Throw ratio: 1.95-2.15<br>Zoom ratio: 1.1:1 | XGA<br>(1024 x 768)<br>3600 lumens<br>Throw ratio: 1.95-2.15<br>Zoom ratio: 1.1:1 | WXGA<br>(1280 x 800)<br>3600 lumens<br>Throw ratio: 1.55-1.70<br>Zoom ratio: 1.1:1 |

## Industry-leading Lamp Life

The IN110xa Series features an unprecedented 15,000 hours of lamp life when used in Dynamic Mode. With no filters to replace, these projectors are an unbeatable value.

## High Brightness and High Contrast

Get better, brighter images on any surface, in any light. The IN110xa series has up to 3,600 lumens and a 18,000:1 contrast ratio for whiter whites, darker blacks, and overall image sharpness. Preset modes give you great image quality on beige walls, whiteboards, or blackboards.

## 3D Ready

The IN110xa Series supports multiple forms of 3D – including Blu-Ray, 3D broadcasting, video games and PC connectivity. All your audience needs are 144Hz DLP Link 3D glasses (sold separately) to seamlessly synchronize with the image for an awesome 3D experience.

## Advanced Presentation and Setup Features

Equipped with AV Mute, test patterns, image shift and other advanced features, the IN110xa Series delivers your content powerfully without complicated set-up.

# Specifications\*

|                                                      | IN112xa                                                                                                                                                                                                                                                    | IN114xa        | IN116xa                             |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------|
| Native Resolution                                    | SVGA 800 x 600                                                                                                                                                                                                                                             | XGA 1024 x 768 | WXGA 1280 X 800                     |
| Maximum Resolution                                   | WUXGA 1920 X 1200                                                                                                                                                                                                                                          |                |                                     |
| Display Technology                                   | DLP 0.55"                                                                                                                                                                                                                                                  |                | DLP 0.65"                           |
| Brightness                                           | 3,600 lumens Normal Mode (2,800 lumens Low Power)                                                                                                                                                                                                          |                |                                     |
| Lamp Life**                                          | 5,000 hours (Normal Mode), 6,000 hours (Low Power), 15,000 hours (Dynamic Mode***)                                                                                                                                                                         |                |                                     |
| Lamp Power                                           | 195W (Normal Mode), 160W (Low Power), 60W (Dynamic Mode)                                                                                                                                                                                                   |                |                                     |
| Contrast Ratio                                       | 18,000:1                                                                                                                                                                                                                                                   |                |                                     |
| Color Wheel                                          | 6 segment, 2x speed                                                                                                                                                                                                                                        |                |                                     |
| Audible Noise                                        | 31 dB Normal Mode (28 dB Low Power)                                                                                                                                                                                                                        |                |                                     |
| Computer Compatibility                               | PC, Mac                                                                                                                                                                                                                                                    |                |                                     |
| Projection Offset                                    | 15%                                                                                                                                                                                                                                                        |                | 12%                                 |
| Keystone Correction                                  | ± 40° vertical                                                                                                                                                                                                                                             |                |                                     |
| Lens Type                                            | Manual zoom and focus                                                                                                                                                                                                                                      |                |                                     |
| Lens - Throw Ratio<br>- Zoom Ratio                   | 1.95 - 2.15<br>1:1                                                                                                                                                                                                                                         |                | 1.55 - 1.70<br>1:1                  |
| Projection Distance                                  | 1.2m - 12.0 m                                                                                                                                                                                                                                              | 1.1m - 12.0 m  |                                     |
| Image Size                                           | 27.5" ~ 300"                                                                                                                                                                                                                                               |                | 33" ~ 300"                          |
| Aspect Ratio                                         | 4:3 Native, Supports 16:9 and 16:10                                                                                                                                                                                                                        |                | 16:10 Native, supports 4:3 and 16:9 |
| Synch - Horizontal Scan Freq<br>- Vertical Scan Freq | 31.469kHz ~ 97.551kHz<br>56 - 85 Hz (120Hz for 3D feature projector)                                                                                                                                                                                       |                |                                     |
| Video Compatibility                                  | Standard (NTSC, NTSC 4.43, PAL / M / N, SECAM), SD ( 480i, 480p, 576i), HD (720p, 1080i 1080p)                                                                                                                                                             |                |                                     |
| Number of Colors                                     | 1.07 billion                                                                                                                                                                                                                                               |                |                                     |
| Input Sources                                        | VGA x 2, Composite S-Video, HDMI v1.4b x 2 (No net), 3.5mm stereo input x 2                                                                                                                                                                                |                |                                     |
| Output Sources                                       | Monitor out (VGA), 3.5 mm stereo out                                                                                                                                                                                                                       |                |                                     |
| Control                                              | RS232                                                                                                                                                                                                                                                      |                |                                     |
| Speaker                                              | 3W Mono                                                                                                                                                                                                                                                    |                |                                     |
| Product Dimensions - W×D×H                           | 8.8 x 12.4 x 4 in / 223.5 x 314.2 x 101.7 mm                                                                                                                                                                                                               |                |                                     |
| Product Weight                                       | 5.5 lbs / 2.5 kg.                                                                                                                                                                                                                                          |                |                                     |
| Shipping Dimensions - W×D×H                          | 12 x 14.3 x 7.8in / 304.8 x 363.2 x 198.1 mm                                                                                                                                                                                                               |                |                                     |
| Shipping Weight                                      | 7.3 lbs / 3.3 kg.                                                                                                                                                                                                                                          |                |                                     |
| Operating Conditions                                 | Sea Level to 10,000 feet @ 73.4°F / manual switch to high altitude mode above 5000 feet                                                                                                                                                                    |                |                                     |
| 3D                                                   | Supports 3D content from Blu-ray, cable boxes, dish services, and more (over HDMI).<br>Also supports PC-based 3D content configured at 1080p running at 60Hz signal. DLP Link 3D glasses required.                                                         |                |                                     |
| Projector Warranty                                   | 2 years                                                                                                                                                                                                                                                    |                |                                     |
| Lamp Warranty                                        | 6 months                                                                                                                                                                                                                                                   |                |                                     |
| Accessory Warranty                                   | 90 days                                                                                                                                                                                                                                                    |                |                                     |
| Ships with - Accessories                             | Power cord, VGA cable, Safety instructions, User documentation, Remote control without batteries                                                                                                                                                           |                |                                     |
| Menu Languages                                       | English, French, German, Italian, Korean, Norwegian, Portuguese, Polish, Hindi, Filipino, Malay, Romania, Russian, Simp. Chinese, Trad. Chinese, Japanese, Hungarian, Czech, Thai, Turkish, Farsi, Vietnamese, Spanish, Swedish, Dutch, Arabic, Indonesian |                |                                     |
| Approvals                                            | UL and c-UL (US/Canada), FCC (US/Canada), CE (Europe), CCC+CECP (China), KCC (Korea), IRAM (Argentina), NOM (Mexico), PCT/CU/EAC (Russia), PSB (Singapore), SABS (South Africa), CB, Nemco/GS, KC                                                          |                |                                     |

\* Product specifications, terms, and offerings are preliminary and subject to change at any time without notice.

\*\* Actual lamp life may vary based on the ambient environment and projector usage. Conditions that may affect lamp life include temperature, altitude, and rapidly switching the projector on and off.

\*\*\* Dynamic lamp hours are determined by a power saving algorithm that varies the lamp power according to the input content that is being displayed, conserving energy and extending lamp life.

## Optional Accessories

Replacement Lamp (SP-LAMP-097)  
Universal Ceiling Mount (PRJ-MNT-UNIV)  
LiteShow Wireless Adapter (INLITESHOW4DB+)  
LiteShow Mount (PRJ-MNT-LS3)

Soft Carry Case (CA-SOFTVAL-2)  
Extended Warranties (EPW-PJV1, EPW-PJV2)  
Cables and adapters