

IN2120a Series



Ultra-Bright,
Ultra-Connected,
Ultra-Affordable

High-value network projection with
wireless and interactive options

IN2120a Series

Part #s: IN2124a, IN2126a, IN2128HDa

InFocus
Collaboration That Works

Make a connection with your audience and IT environment

The InFocus IN2120a Series projectors combine high brightness, networking and low cost – making them perfect for classrooms and offices with larger rooms and low budgets.

These value-packed projectors are easy to buy and built to perform with multiple ways to connect, beautiful image quality, and option to convert to an interactive projector. Even display content without a PC from its 2GB of built-in memory or from a USB drive.



MODELS

IN2124a

XGA
(1024 x 768)
3500 lumens

IN2126a

WXGA
(1280 x 800)
3500 lumens

IN2128HDa

1080p
(1920x1080)
3500 lumens

Why choose the IN2120a Series?

- Ultra-low purchase price
- High brightness and high contrast ratio
- Convert to be an interactive projector with optional LiteBoard Adapter and wand
- Wireless connectivity with optional USB adapter
- PC-less display from USB drive or 2GB of internal memory
- Display over HDMI or USB
- Present Office docs, video, audio, photos and more wirelessly from your mobile device (with optional adapter)
- Blu-ray 3D capable (over HDMI)

Easy Display from Any Device

Connect and present wirelessly from all your favorite devices with the optional wireless network adapter (SP-WIFIUSB-2) and free presentation app (EZ Display). Leave the cables at home!

Present photos, Office documents, PDFs, audio, video, a live camera phone feed, or from your computer, DropBox or the Internet.



High Brightness and High Contrast

The image quality of these projectors will not disappoint. 3500 lumens will give you bright, clear images with the lights on and the high 15000:1 contrast ratio adds sharpness with darker blacks and whiter whites.

You can also instantly dim the projector with the remote control to divert your audience's attention onto you and extend lamp life.

Preset modes quickly optimize the image quality when projecting on screens, whiteboards, and even beige walls.

3D

The IN2120a series supports multiple forms of 3D – including HDMI, Blu-Ray, 3D broadcasting, video games and PC connectivity. All your audience needs are 144Hz DLP Link 3D glasses to seamlessly synchronize with the image for an awesome 3D experience.



Manage Over Your Network

Connect the projector to your network (via LAN port or optional wireless) and manage it remotely. Send important announcements or emergency notifications for instant display, set up notifications for low lamp life, schedule when it gets powered down, and more.

Crestron RoomView Connected and AMX Device Discovery technology is built into the projectors for easy connectivity, programming and control with those room control systems.



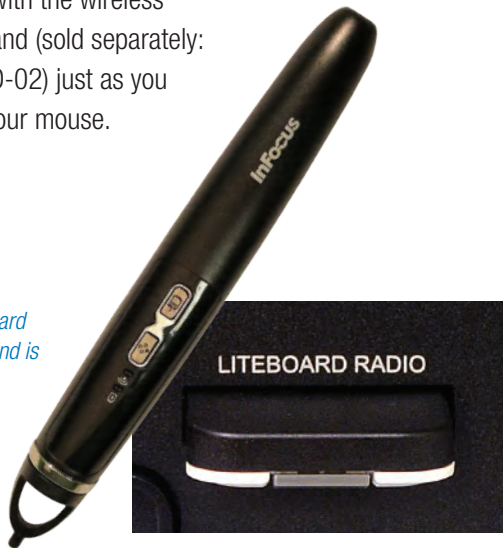
CONNECTIVITY

- | | |
|-----------------|---------------------|
| VGA x 2 | S-Video |
| HDMI 1.4 | RS-232 |
| USB-A | 3.5 mm audio in x 2 |
| USB Mini-B | 3.5 mm audio out |
| Composite Video | Monitor out (VGA) |
| RJ45/LAN | |

Make It Interactive

Plug in the optional LiteBoard adapter (HW-LBRADIO) to turn your wall into an engaging, collaborative interactive workspace. Control all your favorite PC or Mac applications from around in the room with the wireless LiteBoard Wand (sold separately: HW-LBWAND-02) just as you would with your mouse.

Optional LiteBoard adapter and wand is all you need for interactivity



Document Annotation

Free wireless presentation app (EZ Display) lets you annotate on documents you're presenting with a wide variety of colored pens and shapes and then save the changes.

No Computer Needed

Present photos, PPT presentations, spreadsheets, PDFs, audio, video, and more directly from a USB thumb drive or from the projector's internal 2GB of memory. Plus, you can control the presentations with your Android or iPhone/iPad with the free EZ Remote app.



Eco Blanking Saves Money

Instantly dim the screen to divert your audience's attention onto you with the Eco Blanking feature on the remote control.

Activate this feature when the projector isn't being used and lower the lamp's power usage down to 30%. This saves energy and significantly extends the life of the lamp, which saves you money.

Specifications*

IN2124a

IN2126a

IN2128HDa

Native Resolution	XGA 1024 x 768	WXGA 1280 X 800	1080p 1920 x 1080
Maximum Resolution	WUXGA 1920 x 1200		
Brightness	3500 lumens Normal Mode (3200 lumens Eco Mode)		
Lamp Life**	3,500 hours (Normal Mode), 5,000 hours (Low Power), 7,000 hours (Eco Blanking***)		
Lamp Power	240W UHP		
Contrast Ratio	15000:1		
Color Wheel	6 segment, 2x speed		
Input Sources	HDMI 1.4, VGA x 2, USB-A (for USB thumb drive or wireless network adapter), USB Mini-B (for display over USB or internal memory file management), Composite Video, S-Video, 3.5 mm stereo input x 2, USB Type B (for slide advance, firmware or interactivity), RJ45/LAN		
Output Sources	Monitor out (VGA), Audio out (3.5 mm)		
Control	Projector Keypad, IR Remote, RS232, USB Type B for slide advance, LAN, LiteBoard Radio port		
Internal Memory	2 GB		
File Formats Supported	Photo (JPG, JPEG, BMP); Video (at 1080: XVID, MPEG4, H.264, H.263, M-JPEG, WMV3, MPEG-1) (at 720: RV3, RV4); Audio (MP1, MP2, MP3, WMA, OGG, ADPCM-WAV, AAC)		
Documents Supported	PDF, docs from Office 95, 97, 2000, 2003, 2007, 2010 Adobe PDF 1.6 or later, docs from Office 2003, 2007 or 2010 Adobe PDF 1.6 or later, docs from Office 2003, 2007 or 2010, docs from iWork '09 or later		
- via USB drive or internal memory			
- via EZ Display for Android			
- via EZ Display for iOS			
3D	Supports 3D content from Blu-ray, cable boxes, dish services and more (over HDMI) at 144Hz. Also supports PC-based content configured at 1080p running at 120Hz. DLP Link 3D glasses required.		
Audible Noise	32 dB Normal Mode (30 dB Eco Mode)		
Projection Offset	15%	13%	17%
Keystone Correction	+/- 40° vertical		
Lens Type	Manual zoom and focus		
Lens - Throw Ratio	1.9 - 2.2 (50" @ 2m)	1.5 - 1.8 (99.6" @ 3.2m)	
- Zoom Ratio	1.1:1	1.2:1	
Projection Distance	1.5 - 11.9 m	1.41 - 9.66 m	1.0 - 10.0 m
Image Size	Up to 299 inches (diagonal)		
Number of Colors	1.07 billion		
Aspect Ratio	4:3 (Native), Supports 16:9, 16:10, Auto	16:10 (Native), Supports 4:3, 16:9, Auto	16:9 (Native), Supports 4:3, 16:10, Auto
Synch Scan Freq	Horizontal: 15 - 91 kHz / Vertical: 24 - 120 Hz		
Video Compatibility	SDTV (NTSC, PAL, SECAM, 480i, 576i), ED/HDTV (480p, 576p, 720p, 1080i, 1080p)		
Audio	2 W mono		
Product Dimensions - WxDxH	11.5 x 8.7 x 4.3 in / 292 x 220 x 108 mm		
Product Weight	5.4 lbs / 2.5 kg		
Shipping Dimensions - WxDxH	14.3 x 12 x 7.8 in / 362 x 305 x 197 mm		
Shipping Weight	7.1 lbs / 3.2 kg		
Maximum Altitude	10,000 ft / 3,048 m		
Operating Temperature	32 - 104° F / 0 - 40° C		
Security Features	Security lock slot, Security bar, User PIN		
Ships with - Accessories	Power cord, VGA cable, Safety instructions, User manual, Remote control		
Warranty	2 years (product), 6 months (lamp), 90 days (accessories)		
Menu Languages	English, French, German, Italian, Korean, Norwegian, Portuguese, Russian, Simplified Chinese, Spanish, Traditional Chinese, Swedish, Dutch, Polish, Turkish, Danish, Finnish, Arabic, Vietnamese, Indonesian, Persian, Czech, Romanian, Hungarian		
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), SASO (Saudi Arabia), CB, Nemco/GS, KC		

* Product specifications, terms, and offerings are 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. *** Eco Blanking hours are determined by a combination of the projector's use in Normal/Low Power modes and while using the Eco Blanking feature.

Wireless Software System Requirements

EZ WiFi (download from projector)

Operating System: Windows XP SP3, Vista SP2, Win 7 SP1 and Win 8 (Starter versions not supported); Mac OS X 10.7 and above
CPU: Windows: Dual Core Intel Core i 1.6 GHz or higher (ATOM not supported); Mac: Dual Core Intel Core i 1.4 GHz or higher (PowerPC not supported)
Graphic card: Intel, nVIDIA or ATI graphic card with 64MB VRAM or above

EZ Display (free download from Google Play store)

Requires Android 4.0 and up

EZ Display (free download from iTunes)

Compatible with iPhone 3GS, iPhone 4, iPhone 4S, iPhone 5, iPod touch (4th generation), iPod touch (5th generation), iPad 2 Wi-Fi, iPad 2 Wi-Fi + 3G, iPad (3rd generation), iPad Wi-Fi + 4G, iPad (4th generation), iPad Wi-Fi + Cellular (4th generation), iPad mini and iPad mini Wi-Fi + Cellular. Requires iOS 5.1 or later. This app is optimized for iPhone 5.

Optional Accessories

Replacement Lamp (SP-LAMP-087)
Universal Ceiling Mount (PRJ-MNT-UNIV)
Wireless Network Adapter (SP-WIFIUSB-2)
Interactive Projector LiteBoard Adapter (HW-LBRADIO)
DLP Link 3D Glasses by XPAND (X103-EDUX3-R1)
Presenter 2 RF Remote (HW-PRESENTER-2)
Soft Carry Case (CA-SOFTVAL-2)
Extended warranties (PROJ-EW1YR-MC, PROJ-EW2Y-MC)