

IN120a Series



Value and Versatility

Project all your devices for
an incredible low price

IN120a Series

Part #: IN122a, IN124a, IN126a

InFocus
Collaboration That Works

Huge brightness and convenience within reach

Do you need high brightness but only have minimal money to spend? The InFocus IN120a Series has that covered and a lot more.

These value-packed projectors are easy to buy and provide multiple ways to display your content – even without a computer. Plus, their high contrast ratio and BrilliantColor™ technology display outstanding images and its lightweight design makes them easy to move or install.



MODELS

IN122a

SVGA
(800 x 600)
3500 lumens

IN124a

XGA
(1024 x 768)
3500 lumens

IN126a

WXGA
(1280 x 800)
3500 lumens

Why choose the IN120a Series?

- Ultra-low purchase price
- Brightness of up to 3500 lumens
- Long life lamp of up to 7,000 hours lowers costs even more
- High 15000:1 contrast ratio
- Wireless connectivity with optional USB adapter
- Display over HDMI or USB
- PC-less display from USB drive or 2GB of internal memory
- Present Office docs, video, audio, photos and more wirelessly from your mobile device
- Blu-ray 3D capable (over HDMI)

Low Total Cost of Ownership

The IN120a Series has not only a low purchase price, but also a lamp that can last as long as 7,000 hours, which lowers total cost of ownership even further. There are no filters to replace either. It's an unbeatable value.

3D

The IN120a 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.



Easy Display from Any Device

Built-in apps and optional wireless adapter displays files from an Apple or Android notebook, tablet or smartphone. Or display from no device at all and project images, audio and video from the projector's on-board 2GB of memory.



Upgrade with Optional Wireless

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.



No Computer Needed

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

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.



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)

Eco Blanking

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.

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. Preset modes give you the best image quality on a beige wall, whiteboard, blackboard or other surface.

Email Notifications

Receive automatic projector email notifications regarding the status of your projector.

Networking

The IN120a Series is Crestron RoomView and AMX Device Discovery ready. Simply use the optional wireless network adapter (SP-WIFIUSB-2) to access these networking features.

Utilize Crestron RoomView Connected to instantly integrate with Crestron systems with no need for a control processor or custom programming.

AMX Device Discovery is also incorporated, which lets an AMX controller dynamically detect the projector and automatically configure it with the correct driver for remote control.



Want an interactive projector option or need wired networking? Check out the InFocus IN2124a and IN2126a projectors.



Specifications*

IN122a

IN124a

IN126a

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" SVGA, 800x600	DLP 0.55" XGA, 1024x768	DLP 0.65" WXGA, 1280x800
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 (Normal Mode), 190W (Low Power), 72W (Eco Blanking)		
Contrast Ratio	15000:1		
Color Wheel	6 segment, 2x speed		
Audible Noise	32 dB Normal Mode (30 dB Eco Mode)		
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		
- via USB drive or internal memory	Adobe PDF 1.6 or later, docs from Office 2003, 2007 or 2010		
- via EZ Display for Android	Adobe PDF 1.6 or later, docs from Office 2003, 2007 or 2010, docs from iWork '09 or later		
- via EZ Display for iOS			
Projection Offset	15%		13%
Keystone Correction	+/- 40° vertical		
Lens Type	Manual zoom and focus		
Lens - Throw Ratio	1.9 - 2.2 (50" @ 2 m)		1.5 - 1.8 (99.6" @ 3.2 m)
- Zoom Ratio	1.1:1		1.2:1
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
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		
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 and internal memory file management), Composite Video, S-Video, 3.5 mm stereo input x 2, RS-232, USB-B (for control and firmware)		
Output Sources	Monitor out (VGA), Audio out (3.5 mm)		
Control	Projector Keypad, IR Remote, RS-232, USB-B for slide advance		
Product Dimensions - WxDxH	11.5 x 8.7 x 4.3 in / 292 x 220 x 108 mm		
Product Weight	5.35 lbs / 2.44 kg		
Shipping Dimensions - WxDxH	13 x 13 x 5.9 in / 330 x 330 x 150 mm		
Shipping Weight	7.25 lbs / 3.28 kg		
Maximum Altitude	10,000 ft / 3,048 m		
Operating Temperature	32 - 104° F / 0 - 40° C		
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.		
Security Features	Security lock slot, Security bar, User PIN		
Ships with - Accessories	Power cord, VGA cable, Safety instructions, User manual, Remote control		
Warranty	1 year (product), 6 months (lamp), 90 days (accessories)		
Menu Languages	24 languages (English, French, German, Italian, Korean, Norwegian, Portuguese, Russian, Simp. Chinese, Trad. Chinese, Spanish, 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)		

* 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)
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-V, PROJ-EW2YR-V)