

# IN5312a

InFocus

Bring clear communications to your large conference room or classroom

Part #: IN5312a

The InFocus IN5312a is a versatile XGA projector for professional installations and a great value. Stunning DLP® image quality, brightness, and installation flexibility are all vital and the IN5312a has them covered. A range of connectivity, three lens options, and a small form factor help it fit into large classrooms, conference rooms, houses of worship, and more.

## Key Features

- ◆ XGA (1024 x 768) resolution
- ◆ 6,000 lumens
- ◆ Three lens choices: standard lens (included), [short throw](#) and [long throw](#) (optional)
- ◆ HDMI, DisplayPort, and 5 BNC inputs
- ◆ Lens shift
- ◆ Fits easily into a 2x2-foot ceiling tile
- ◆ Network ready
- ◆ 24/7 rated; no filters to clean or replace
- ◆ Full 3D support for PCs, Blu-Ray, cable boxes and more
- ◆ 3D sync port for your emitter



## Why choose the IN5312a?

- ◆ 6,000 lumens
- ◆ Three lens choices: standard (included), [short throw](#) and [long throw](#) (optional)
- ◆ HDMI, DisplayPort, DVI-D and 5 BNC inputs
- ◆ RJ45 port to monitor and control over your network
- ◆ Lens shift for the perfect image placement
- ◆ 24/7 rated; no filters to clean or replace
- ◆ Compact size fits within a 2x2' ceiling tile
- ◆ 3D ready, plus 3D sync port

## Brilliant images every time

- ◆ 6,000 lumens of brightness provide clear, vivid images in medium to large-sized venues and in high ambient light situations
- ◆ 720p high definition resolution
- ◆ Filter-free and rated for 24/7 fail-safe operation
- ◆ 3D ready for content from PCs, Blu-Ray, cable boxes and more. DLP Link 3D glasses required.
- ◆ 3D Sync Port for your 3D emitter and its compatible glasses
- ◆ Single-lamp design for easy and economical maintenance

## Digital connectivity

- ◆ HDMI input: a must for displaying HD video and audio

- ◆ 5 BNC input for interfacing with professional switching and signal conditioning hardware
- ◆ DisplayPort for compatibility with current and emerging connection types, including Thunderbolt
- ◆ DVI-D input to meet signal amplification and switching requirements
- ◆ Control with room control systems via RS232 or over your network via the RJ45/LAN port
- ◆ Wireless connectivity with the optional [InFocus LiteShow 4 DB+ wireless adapter](#)

## Installation flexibility

- ◆ Choose from three lens options: (standard, short throw, long throw)
- ◆ Lenses pull out and snap in with ease
- ◆ Lens shift (horizontal and vertical) for the perfect image placement
- ◆ Compact form factor fits easily into a 2x2 ceiling tile
- ◆ AMX Device Discovery will identify the IN5312a and automatically configure itself to control it
- ◆ Lamp door is easily accessible when installed for quick lamp replacement



## Specifications\*

Projector	IN5312a
Resolution – Native	XGA (1024 x 768)
Display Technology	DLP
Video Standard Compatibility	NTSC, PAL, SECAM, 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Speakers	Stereo 3W x 2
Lamp Brightness	6,000 lumens
Lamp Brightness – Low Power	5,400 lumens
Lamp Life	2,500 hours
Lamp Life – Low Power	3,500 hours
Lamp Life – Bright Mode	1,500 hours
Replacement Lamp	SP-LAMP-090
Contrast Ratio	2,000:1
Number of Colors	16.7 million
Aspect Ratio	4:3
Aspect Ratio Compatibility	16:9, 16:10
Lens Type	Manual zoom, focus and shift
Lens Shift – Vertical (max)	-40% to 0%
Lens Shift – Horizontal (max)	+/-5%
Keystone Correction	+/-40 degrés verticalement
Connectors – Inputs	3.5mm stereo audio x2, DisplayPort, HDMI 1.4 (rear), Composite video, S-video, VGA x2, DVI-D, RGBHV 5 BN, RCA R&L x2, Component RCA x3
Connectors – Outputs	3.5mm audio output, Monitor out (VGA), 3D Sync Out (5V)
Audible Noise	< 34 dBA at 0°F / -17.8°C
Audible Noise – Eco Mode	< 31 dBA at 0°F / -17.8°C
Included Accessories	Power cord, Remote, VGA cable, Documentation
3D Support	1080p @ 144 Hz via HDMI, DLP Link 3D glasses required
Product Warranty	2 years
Lamp Warranty	6 months
Accessories Warranty	90 days
Computer Compatibility	PC, Mac, Linux

<b>Projector</b>	<b>IN5312a</b>
Power Consumption	450.0W max
Power Consumption – Low Power	340.0W max
Power Standard	AC 100 to 240V, 50/60
Operating Conditions	41 to 95°F at 0 to 7500 ft / 5 to 35°C at 0 to 2286 m
Menu Languages	English, French, German, Spanish, Italian, Norwegian, Dutch, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkish, Danish, Portuguese
Security Features	Kensington lock port, Security bar, Security keypad PIN code lock
Approvals	UL and c-UL, FCC, CE

<b>Throw and Zoom</b>	
Throw Ratio – Minimum	1.60:1
Throw Ratio – Maximum	2.00:1
Throw Ratio – Short-Throw Lens – Maximum	0.80:1
Throw Ratio – Long-Throw Lens – Minimum	2.00:1
Throw Ratio – Long-Throw Lens – Maximum	3.00:1
Zoom Ratio	1.3:1
Zoom Ratio – Long-Throw Lens	1.5:1

<b>Shipping</b>	
Product Dimensions	6.9 x 16.9 x 13.3 in / 175.3 x 429.3 x 337.8 mm
Product Weight	19 lbs / 8.6 kg
Shipping Dimensions	7.8 x 22 x 16.5 in / 198.1 x 558.8 x 419.1 mm
Shipping Weight	21 lbs / 9.5 kg

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

## Accessories

- Universal Projector Ceiling Mount (PRJ-MNT-UNIV)
- Motorized Electric Projector Screen: 120 in., 4:3 (SC-MOT-120)
- Projector Lamp for IN5312a and IN5316HDa (SP-LAMP-090)
- Short Throw Fixed Lens for SP8604, IN5312, IN5314, IN5316HD, IN5318, IN5312a and IN5316HDa (LENS-060)
- Long Throw Zoom Lens for SP8604, IN5312, IN5314, IN5316HD, IN5318, IN5312a and IN5316HDa (LENS-061)
- LiteShow 4 DB+ Dual Band Wireless Adapter (INLITESHOW4DB+)
- Presenter 4 RF Remote with Laser Pointer (HW-PRESENTER-4)
- Projector Ceiling Mount System (Black) (PRJ-MNTKIT-UNIVB)
- Projector Ceiling Mount System (White) (PRJ-MNTKIT-UNIVW)
- Motorized Electric Projector Screen: 84 in., 4:3 (SC-MOT-84)
- Motorized Electric Projector Screen: 100 in., 4:3 (SC-MOT-100)
- Manual Pull Down Projector Screen: 84 in., 4:3 (SC-MAN-84)
- Manual Pull Down Projector Screen: 100 in., 4:3 (SC-MAN-100)
- Manual Pull Down Projector Screen: 120 in., 4:3 (SC-MAN-120)
- Manual Pull Up Projector Screen: 80 in., 4:3 (SC-PU-80)
- Manual Pull Up Projector Screen: 100 in., 4:3 (SC-PU-100)
- 1 Year Extended Warranty for IN51XX, IN53XX Projectors (EPW-PJ11)
- 2 Year Extended Warranty for IN51XX, IN53XX Projectors (EPW-PJ12)