

# IN5550 (SERIES)

**InFocus**  
Bright Ideas Made Brilliant



## Bigger Done Better

Vivid projection. Flexible connections. Effortless control.

# IN5550 (SERIES)

## Bigger Done Better

If you need a projector that can handle big beautifully, then meet the InFocus IN5550 Series. It's the projector designed for large venues, from university auditoriums to worship centers, hotel meeting rooms to convention halls.

With up to a blazing 8300 lumens, these DLP® projectors can brilliantly handle the most demanding large image installations. A maximum display resolution of 1920×1200 ensures your audience won't miss out on the little details either.

Project from anywhere with six lenses; project to anywhere with motorized lens shift. And enjoy ultimate flexibility with two color wheels and a range of options to connect and control.

- Up to 8300 lumens
- Resolution up to 1920x1200
- Six interchangeable lenses plus vertical and horizontal lens shift
- Motorized lens shift, focus and zoom with lens memory
- 3G-SDI, DVI, HDMI 1.4, and RGBHV/YPbPr BNC inputs
- Two user-replaceable color wheels
- Image blending and image warping features
- Dual lamps and DLP technology for 24/7 operation

## Vivid Projection

### High Brightness

Get ready for amazing images even at extra-large sizes and in ambient light, thanks to a brightness of up to 8300 lumens and contrast of 2400:1. Keep the audience alert—all the way to the last row—with brilliant, detailed images. Dual lamps give you fail-safe backup, with a choice between single or dual mode. And with the rear lamp door, it's easy to replace the lamp even while the product is installed.



### IN5552L

XGA (1024 × 768)  
8300 lumens

### IN5554L

WXGA (1280 × 800)  
7000 lumens

### IN5555L

WUXGA (1920 × 1200)  
7000 lumens

### High Resolution

Take care of the little details with your choice of XGA, WXGA, and WUXGA native resolution that maxes out at 1920x1200, which includes full high-definition 1080p video. So you can Wow your audience with images up to 300 inches across that show the fine details too. Even demanding applications, like CAD, schematics, and high-def video come across clean and crisp every time.

### User-replaceable Color Wheels

IN5550 series projectors deliver striking color with smooth gradations. Each projector combines a six-segment color wheel with the latest DLP® technology and InFocus BrilliantColor implementation. Two user-replaceable color wheels ship with the projector, so you can choose the color best for your application—accurate colors or very bright.

### Six Interchangeable Lenses

Project your image the size you want—from wherever you want—with your choice of six lenses from short-throw to ultra-long-throw projection. Switch with just the push of a button, then use the motorized lens shift to position your image precisely. Once you get it right, save the zoom, focus, and lens shift into one of 10 memory locations.

## PiP

Display two distinct sources simultaneously, a capability ideal for viewing multiple presentations, videoconferencing, and distance learning. Switch sources and choose between five different PiP placement options, including side-by-side horizontal and a small secondary source image displayed on the top or bottom.

## Image Blending

If you have more than one InFocus IN5550 series projector, all the better. Quickly line up and blend the projectors with onboard mixing to adjust the brightness of the overlap and create one big smooth image, edge to edge.

## Image Warping

For rental and staging applications, your projection surface may be round or curved—but that doesn't mean your image has to be. Adjust keystone, rotation, pincushion/barrel, and corner positions to ensure your images are perfect even when your surface isn't.

## 360-Degree Projection

Broaden the view to 360 degrees for unique applications in auditoriums, visitor centers and museums where the room might not be the usual box. The IN5550 can also project in Portrait format.

## Flexible Connections

### HDMI V1.4 video

IN5550 series projectors provide HDMI 1.4 for one-cable projection of HD-quality video and audio from a variety of sources. It's the perfect solution for digital content—including high bright video and signage needs—in large venues.



IN5550 Side Panel

## 3G-SDI

The 3G-SDI high-definition serial digital interface provides an increase in bandwidth over previous technology. The upgrade allows both higher resolution and frame rates through a single connection.

## 5 BNC (RGBHV, YPbPr)

The 5 BNC input can handle all leading professional switching and signal processing equipment from manufacturers including EXTRON, KRAMER, In-Line, and more. Industry-standard 5 BNC ensures a solid and reliable connection.

## Effortless Control

### RS232 Control

Use the RS232 port to add the IN5550 series projector to your room control system. Manage your projector instantly and intuitively with your choice of serial control devices from Crestron, AMX, and SPcontrols.

### RJ45 Telnet Network Control

The IN5550 series projectors are compatible with any network control system using Telnet protocol, including Crestnet, AMX Device Discovery, and InFocus ProjectorNet. The built-in Web control panel lets network administrators remotely access and control the projector over standard LAN/WAN for messaging, scheduling, and performance.

### Wired Remote

Run a small cable up to 100 feet to plug into the remote control that ships with the unit. You'll enjoy instant system control with wired device reliability.

# Specifications\*

	IN5552L	IN5554L	IN5555L
Resolution (native)	XGA 1024 × 768	WXGA 1280 × 800	WUXGA 1920 × 1200
Aspect ratio (native)	4:3	16:10	
Brightness	8300 lumens (6800 lumens Eco Mode) with "Presentation" color wheel 7600 lumens (6080 lumens Eco Mode) with "Cinema correct" color wheel	7000 lumens (6200 lumens Eco Mode) with "Presentation" color wheel 6400 lumens (5140 lumens Eco Mode) with "Cinema Correct" color wheel	
Display technology	DLP, 0.7" 12 degree, LVDS, w/DDP2431	DLP, 0.65" 12 degree, Type A LVDS, w/DDP2431	DLP, 0.67" 12 degree, Type A LVDS, w/Dual 3021
Contrast ratio	2400:1		
Lamp life**	2000 hours (2500 hours Eco mode)		
Color wheel	6-segment "Presentation" color wheel (RYGCWB) and 6-segment "Cinema Correct" color wheel (RGBCMY)		
Connections (Input)	3G-SDI, HDMI 1.4, DVI-D, VGA, 5 BNC, Composite (3.5 mm), S-Video, LAN (RJ45)		
Connections (Output)	3G-SDI, Screen trigger 12v		
Control	RS232C, Wired remote, LAN (RJ45)		
Warranty	Projector: 2 years, Lamp: 6 months, Accessories: 90 days		
Features	360-degree projection, 24/7 operation, Dynamic Black, Mechanical shutter, Lens memory, Lens home, Geometric correction, Edge blending, Splitscreen, RGB color adjustments for brightness and hue, Fully motorized lens shift		

## Optional Lenses

IN5552L	Part #	F-Stop	Zoom Ratio	Throw Distance	Throw Ratio	Lens Shift (H)	Lens Shift (V)
Wide Fixed	LENS-075	F1.85	NA	2.6-16.7 ft (0.8-5.1 m)	0.79	Fixed center	Fixed center
Wide Zoom	LENS-076	F1.85-2.5	1.41	4.3-38.4 ft (1.3-11.7 m)	1.3-1.85	±10%	+20 to -60%
Standard Throw	LENS-074	F1.64-1.86	1.3	5.9-48.9 ft (1.8-14.9 m)	1.75-2.35	±10%	+20 to -60%
Semi-long Throw Zoom	LENS-079	F1.86-2.48	1.65	7.9-79.1 ft (2.4-24.1 m)	2.3-3.81	±10%	+20 to -60%
Long Throw Zoom	LENS-077	F1.86-2.41	1.5	12.5-116.1 ft (3.8-35.4 m)	3.71-5.57	±10%	+20 to -60%
Ultra-long Throw Zoom	LENS-078	F1.85-2.48	1.55	18.4-179.8 ft (5.6-54.8 m)	5.5-8.56	±10%	+20 to -60%

IN5554L	Part #	F-Stop	Zoom Ratio	Throw Distance	Throw Ratio	Lens Shift (H)	Lens Shift (V)
Wide Fixed	LENS-075	F1.85	NA	2.6-16.7 ft (0.8-5.1 m)	0.8	Fixed center	Fixed center
Wide Zoom	LENS-076	F1.85-2.5	1.41	4.3-38.4 ft (1.3-11.7 m)	1.31-1.87	±10%	+20 to -60%
Standard Throw	LENS-074	F1.64-1.86	1.3	5.9-48.9 ft (1.8-14.9 m)	1.81-2.38	±10%	+20 to -60%
Semi-long Throw Zoom	LENS-079	F1.86-2.48	1.65	7.9-79.1 ft (2.4-24.1 m)	2.33-3.86	±10%	+20 to -60%
Long Throw Zoom	LENS-077	F1.86-2.41	1.5	12.5-116.1 ft (3.8-35.4 m)	3.76-5.64	±10%	+20 to -60%
Ultra-long Throw Zoom	LENS-078	F1.85-2.48	1.55	18.4-179.8 ft (5.6-54.8 m)	5.56-8.67	±10%	+20 to -60%

IN5555L	Part #	F-Stop	Zoom Ratio	Throw Distance	Throw Ratio	Lens Shift (H)	Lens Shift (V)
Wide Fixed	LENS-075	F1.85	NA	2.66-16.7 ft (0.81-5.08 m)	0.76	Fixed center	Fixed center
Wide Zoom	LENS-076	F1.9-2.5	1.41	4.36-38.5 ft (1.33-11.73 m)	1.25-1.79	±10%	+20 to -60%
Standard Throw	LENS-074	F1.6-1.9	1.3	6.0-48.9 ft (1.83-14.9 m)	1.73-2.27	±10%	+20 to -60%
Semi-long Throw Zoom	LENS-079	F1.9-2.5	1.65	7.7-79.4 ft (2.36-24.2 m)	2.22-3.67	±10%	+20 to -60%
Long Throw Zoom	LENS-077	F1.9-2.4	1.5	12.5-116.0 ft (3.8-35.35 m)	3.58-5.38	±10%	+20 to -60%
Ultra-long Throw Zoom	LENS-078	F1.9-2.5	1.55	18.3-179.8 ft (5.59-54.8 m)	5.31-8.26	±10%	+20 to -60%

## Optional Accessories

Optional lenses (see lens tables)  
 Replacement lamp #1 or #2 (SP-LAMP-082)  
 Universal Ceiling Mount (PRJ-MNT-INST)  
 LiteShow 3 Wireless Adapter (INLITESHOW3)  
 LiteShow Mount Adapter (PRJ-MNT-LS3)  
 Extended warranty (PROJ-EW1YR-H)  
 Cables & adapters  
 Screens

## Warranty

Projector: 2 years  
 Lamp: 6 months  
 Accessories: 90 days limited

## Optics

Maximum resolution: WUXGA 1920 × 1200  
 Supported aspect ratio: 4:3, 5:4, 16:9, 16:10, 1.85:1, 2.35:1  
 Image width: 50-300 in (1.27-7.62 m)  
 Projection methods: Front, ceiling, rear  
 Lens shift: ±10% horizontal, +20 to -60% vertical  
 Keystone correction: ± 30° vertical, ± 30° horizontal  
 Video compatibility:  
 480i/p, 576i, 720p, 1080i/p, NTSC/NTSC4.43, PAL (all), SECAM  
 H-Synch range: 15, 31-108KHz  
 V-Synch range: 48-120Hz  
 Focus type: Motorized  
 Zoom type: Motorized

## Operation

Audio speakers: None  
 Lamp power: 2 × 400W  
 Power consumption: 960W normal, 760W Eco, <0.5W standby  
 Power supply: 100V-240V @ 50-60 Hz  
 Audible noise: 39dBa Eco, 43dBa normal  
 Operating temperature: 41-104 F (5-40° C)  
 Storage temperature: 50-140 F (10-60° C)  
 Operating altitude: 0-7,500 ft at 104° F, 7,500 -10,000 ft at 95° F (0-2,286 m at 40° C, 2,286-3,048 m at 35° C)  
 Operating humidity: 5-95% RH without condensation  
 Menu languages: English, French, German, Spanish, Italian, Norwegian, Dutch, Simplified Chinese, Korean, Swedish, Russian, Finnish, Polish, Arabian, Indonesian, Portuguese

## Physical

Product dimensions: 20.0 × 20.9 × 8.3 in (510 × 530 × 210 mm)  
 Product weight: 44 lbs (20 kg) without lens  
 Shipping dimensions: 28.2 × 25.1 × 14.6 in (715 × 638 × 371 mm)  
 Shipping weight: 61.7 lbs (28 kg)  
 Security: Kensington Slot, User PIN  
 Lamp (particle) containment: Tested to contain particles larger than 0.8 mm  
 Approvals: Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Brunei, Bulgaria, Canada, China, Columbia, Costa Rica, Cyprus, Czech Republic, Denmark, Ecuador, Egypt, Fiji, Finland, France, Germany, Greece, Hungary, India, Indonesia, Ireland, Italy, Japan, Jamaica, South Korea, Lithuania, Malaysia, Malta, Mauritius, Mexico, Morocco, Nepal, Netherlands, New Zealand, Norway, Panama, Peru, Philippines, Poland, Portugal, Puerto Rico, Romania, Russia, Saudi Arabia, Singapore, Slovakia, South Africa, Spain, Sri Lanka, Sweden, Switzerland, Taiwan, Thailand, Turkey, UAE, UK, USA, Venezuela, Vietnam  
 Standard accessories: VGA cable, remote control (no batteries), power cord, documentation

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\* 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.