

# Projector Reference Guide

Office/Classroom | Mobile | Short Throw  
Large Venue | Home Entertainment



- Office / Classroom -



Projector	IN110x Series	IN120x Series	IN2120x Series	IN3138HDa
<b>Key Features</b>	<ul style="list-style-type: none"> <li>• Ultra-low purchase price</li> <li>• Long life lamp lowers costs even more</li> <li>• High 15000:1 contrast ratio</li> <li>• Weighs 5.4 lbs</li> <li>• 3D capable</li> <li>• HDMI connectivity</li> </ul>	<ul style="list-style-type: none"> <li>• High brightness with 4000 lumens</li> <li>• High contrast ratio</li> <li>• Compact and lightweight for easy portability</li> <li>• HDMI connectivity</li> <li>• Blu-ray 3D capable (over HDMI)</li> </ul>	<ul style="list-style-type: none"> <li>• File viewer and player for PC-less display</li> <li>• Display directly from USB drive</li> <li>• Use the LightCast Key (sold separately) to unlock built-in wireless display</li> <li>• 10-watt speaker</li> <li>• Compact and lightweight</li> <li>• Assignable audio</li> <li>• Blu-ray 3D capable (over HDMI)</li> </ul>	<ul style="list-style-type: none"> <li>• High brightness for tight budgets</li> <li>• 4500 lumens</li> <li>• 20,000:1 contrast ratio</li> <li>• HDMI input x 2</li> <li>• Network connectivity</li> <li>• Screen trigger</li> <li>• 1.5x optical zoom</li> <li>• 3D capable</li> </ul>
<b>Technology</b>	DLP <sup>®</sup> with BrilliantColor™			
<b>Resolution</b>	IN112x - SVGA IN114x - XGA IN116x - WXGA IN119HDx - 1080p	IN124x - XGA IN126x - WXGA IN128HDx - 1080p	IN2124x - XGA IN2126x - WXGA IN2128HDx - 1080p	1080p
<b>Brightness (Max Lumens)</b>	3,200	IN124x - 4,200 IN126x - 4,200 IN128HDx - 4,000	IN2124x - 4,200 IN2126x - 4,200 IN2128HDx - 4,000	4,500
<b>Lamp Life (Hours)</b>	10,000 (eco), 5,000 (high)	2,000 (normal), 3,500 (low), 5,000 (eco)	2,000 (normal), 3500 (low), 5000 (eco)	4000 (eco), 3000 (high)
<b>Contrast Ratio</b>	15,000:1	IN124x - 14,000:1 IN126x - 15,000:1 IN128HDx - 15,000:1	IN2124x - 14,000:1 IN2126x - 14,000:1 IN2128HDx - 15,000:1	20,000:1
<b>Weight (lbs)</b>	5.40	5.1 lbs / 2.3 kg	5.1 lbs / 2.3 kg	6.94
<b>Connectivity</b>	HDMI, VGA x 2, S-Video, Composite, 3.5mm stereo in x 2, USB Type-B, 3.5mm stereo out, VGA out, RS232C (all except IN118HDxc) IN118HDxc: HDMI, VGA, 3.5mm stereo in x 2, USB Type-B, 3.5mm stereo out, RS232C	VGA x 2, HDMI 1.4, Composite Video, S-Video, RS-232, 3.5 mm audio in x 2, 3.5 mm audio out, Monitor out (VGA)	HDMI 1.4, VGA x 2, Composite Video, S-Video, 3.5 mm stereo input x 2	VGA x 2, HDMI 1.4, HDMI 1.4 w/MHL, S-Video, Composite, RCA stereo in, 3.5mm stereo in, 3.5mm stereo out, VGA out, RS232, RJ45/LAN
<b>Throw Ratio</b>	IN112x, IN114x - 1.9 ~ 2.09 IN116x - 1.5 ~ 1.8 IN119HDx - 1.15 ~ 1.5	IN124x 1.9 ~ 2.09 IN126x 1.47 ~ 1.83 IN128HDx 1.15 ~ 1.5	IN2124x - 1.9 ~ 2.09 IN2126x - 1.47 ~ 1.83 IN2128HDx - 1.15 ~ 1.5	1.39 ~ 2.09
<b>Replacement Lamp</b>	SP-LAMP-093	SP-LAMP-086	SP-LAMP-094	SP-LAMP-092

## - Ultra Portable -



## - Short Throw -



Projector	IN1110 Series	IN1146	IN126STa	IN120STx Series
<b>Key Features</b>	<ul style="list-style-type: none"> <li>• Compact and light weight for easy travel</li> <li>• 2,400 lumens for bright images in any lighting</li> <li>• Connect via HDMI and VGA with ease</li> <li>• Durable, road-tested design that's built to last</li> <li>• PC-less display from USB drive or 4GB of memory</li> </ul>	<ul style="list-style-type: none"> <li>• Smallest and lightest projector</li> <li>• 30,000-hour LED light source</li> <li>• Only 1.8 pounds</li> <li>• HDMI connectivity</li> <li>• PC-less presentation</li> <li>• Optional USB wireless</li> <li>• SD card slot</li> <li>• Striking image quality and contrast</li> <li>• Auto keystone correction</li> </ul>	<ul style="list-style-type: none"> <li>• Short throw lens for big images in tight spaces</li> <li>• Ultra-low purchase price</li> <li>• Long life lamp</li> <li>• High 15,000:1 contrast ratio</li> <li>• 3D capable</li> <li>• HDMI, PC-less Presentation, Internal Memory, LAN, optional wireless</li> </ul>	<ul style="list-style-type: none"> <li>• High brightness at up to 3,700 lumens</li> <li>• Short throw for big images in tight spaces</li> <li>• Up to 15,000:1 contrast ratio</li> <li>• Compact and lightweight for easy portability</li> <li>• HDMI connectivity</li> <li>• Blu-ray 3D capable (over HDMI)</li> </ul>
<b>Technology</b>	DLP <sup>®</sup> with BrilliantColor™			
<b>Resolution</b>	IN1116 - WXGA IN1118HD - 1080p	WXGA	WXGA	IN124STx - XGA IN126STx - WXGA IN128HDSTx - 1080p
<b>Brightness (Max Lumens)</b>	2,400	1,000	3,300	IN124STx - 3,700 IN126STx - 3,700 IN128HDSTx - 3,500
<b>Lamp Life (Hours)</b>	6,000 (normal), 10000 (eco)	30,000 hours (LED life)	5,000 (eco), 3,500 (high)	2,000 (normal), 3,500 (low), 5,000 (eco)
<b>Contrast Ratio</b>	IN1116 - 14000:1 IN1118HD - 15000:1	10,000:1	15,000:1	IN124STx - 14,000:1 IN126STx - 14,000:1 IN128HDSTx - 15,000:1
<b>Weight (lbs)</b>	3.5	1.8	7.0	5.1
<b>Connectivity</b>	HDMI 1.4a (including audio), VGA, composite, S-video, 3.5 mm audio in, 3.5 mm audio out	HDMI, VGA, USB Type A (PC-less display, optional wireless), SD card slot (storage), 3.5mm audio in, 3.5mm audio out	VGA x 2, S-Video, Composite, 3.5mm stereo in x 2, 3.5mm stereo out, USB-A, USB Mini-B, VGA out, RS232, HDMI 1.4, RJ45/LAN, optional wireless	HDMI 1.4, VGA x 2, Composite Video, S-Video, 3.5mm audio in x 2, LAN/RJ45, RS232, USB Type-B (slide advance & firmware), Monitor out (VGA), 3.5 mm audio out
<b>Throw Ratio</b>	IN1116 - 1.17 ~ 1.54 IN1118HD - 1.15 ~ 1.5	1.4:1	0.48	IN124STx - 0.65 IN126STx - 0.52 IN128HDSTx - 0.495
<b>Replacement Lamp</b>	SP-LAMP-095	N/A	SP-LAMP-087	SP-LAMP-094



## - Large Venue -



Projector	IN5148 Series	IN5310a Series	IN5550L Series
<b>Key Features</b>	<ul style="list-style-type: none"> <li>• Crisp 1080p HD resolution for detailed presentations</li> <li>• Large 1.49-3.02 throw ratio for flexibility to install at a variety of distances and adjust image size</li> <li>• Motorized zoom, focus and horizontal and vertical lens shift</li> <li>• Use the LightCast Key (sold separately) to unlock built-in wireless display</li> <li>• HDBaseT Certified for greater interoperability</li> </ul>	<ul style="list-style-type: none"> <li>• Up to 6,000 lumens</li> <li>• XGA and 1080p resolution options</li> <li>• Three lens options (one included)</li> <li>• Lens shift</li> <li>• HDMI, DisplayPort, DVI-D inputs and more</li> <li>• Network ready</li> <li>• Compact size fits into 2x2-foot ceiling tile</li> <li>• Full 3D capabilities, including a 3D Sync port</li> <li>• 24/7 rated; no filters to clean or replace</li> </ul>	<ul style="list-style-type: none"> <li>• Up to 8,300 lumens</li> <li>• 6 lens choices</li> <li>• Fully motorized lenses</li> <li>• 2 user-replaceable color wheels for custom color performance</li> <li>• 3G-SDI, HDMI and DVI-D digital inputs</li> <li>• 360-degree projection</li> <li>• 24/7 performance</li> </ul>
<b>Technology</b>	DLP <sup>®</sup> with BrilliantColor™		
<b>Resolution</b>	1080p	IN5312a - XGA IN5316HDa - 1080p	IN5552L - XGA IN5554L - WXGA IN5555L - WUXGA
<b>Brightness (Max Lumens)</b>	5,000	IN5312a - 6,000 IN5316HDa - 5,000	IN5552L - 8,300 IN5554L, IN5555L - 7,000
<b>Lamp Life (Hours)</b>	3,000 (normal), 4,000 (low), 4,500 (eco)	3,500 (eco), 1,500 (high)	2,500 (eco), 2,000 (high)
<b>Contrast Ratio</b>	12,000:1	2,000:1	2,400:1
<b>Weight (lbs)</b>	19.5 lbs / 8.6 kg	19.0	44 (without lens)
<b>Connectivity</b>	HDMI 1.4 x 2, VGA x 2, 1 x Composite Video, S-Video, RJ45, RJ45 HDBaseT, 3.5 mm x 2	VGA x 2, HDMI 1.4, DisplayPort, DVI-D, 5 BNC, S-Video, Component x 3, Composite, 3.5mm audio in x 2, RCA stereo input x 2, 3D Sync Out (5V), VGA Out, 3.5mm stereo out, RS232C, RJ45/LAN, USB Type A (1.5A power only)	3G-SDI In, 3G-SDI Out, HDMI, DVI-D, 5 BNC, VGA, Composite, S-Video, Wired remote input, RS232C, RJ45/LAN
<b>Throw Ratio</b>	1.49 ~ 3.02	IN5312a: Short Throw: 0.8 Standard (included): 1.6 - 2.0 Long Throw: 2.0 - 3.0  IN5316HDa: Short Throw: 0.77 Standard (included): 1.54 - 1.93 Long Throw: 1.93 - 2.89	Wide Fixed: 0.76* Wide Zoom: 1.25 ~ 1.79* Standard Throw: 1.72 ~ 2.27* Semi-long Throw Zoom: 2.22 ~ 3.67* Long Throw Zoom: 3.58 ~ 5.36* Ultra-long Throw Zoom: 5.31 ~ 8.26*  <small>* Ratios listed are for the IN5555L model. The values vary slightly on the other two models.</small>
<b>Replacement Lamp</b>	SP-LAMP-096	SP-LAMP-090	SP-LAMP-082