



## 1080p Full HD High Brightness Installation Projector

### FEATURES

- Full HD 1080p resolution (1920 x 1080)
- 4700 ANSI Lumens and 2000:1 contrast ratio
- DLP® and BrilliantColor™ technologies for durable image quality
- Centered lens for easy planning & installation
- Three Interchangeable lens options for greater installation flexibility
- Horizontal and vertical lens shift, (also on fixed, short lens)
- Connectivity options including: HDMI v1.4, DisplayPort, VGA-Out, RJ45 and RS-232
- DisplayPort connector for digital video signals
- Built-in 12V trigger for screen and/or blinds control
- USB A 5V/1.5A for external peripherals such as wireless modules
- Audio ready with 2x3W stereo speakers



## Combines high performance and rich functionality with simple installation and handling

The D5190HD offers a range of features that make it the ideal projector choice for the professional installation market. In addition to 4700 ANSI lumens of brightness, the high 1080p image resolution delivers excellent fidelity and large screen area for simultaneous display of video conferencing, presentations, video and display of charts and graphs. With the installer in mind the D5190HD features horizontal and vertical lens shift, central lens design, 3 lens options and a comprehensive range of connectivity options.



## D5190HD-WNL SPECIFICATIONS

Image	<b>Display Type</b>	Single chip DLP® Technology by Texas Instruments
	<b>Brightness</b>	4700
	<b>Native Resolution</b>	1080p (1920 x 1080)
	<b>Max. Supported Resolution</b>	WUXGA (1920 x 1200) @60Hz
	<b>Native Aspect Ratio</b>	16:9
	<b>Contrast Ratio</b>	2,000:1
	<b>Keystone Correction</b>	Vertical +/- 40°
Optical	<b>Throw Ratio</b>	1.54 - 1.93:1 (Std lens)
	<b>Zoom Ratio</b>	1.25x (Std lens)
	<b>Lens Shift ( Based on Full Image Height)</b>	Vertical: -20% / +110%, Horizontal: +/- 5%
	<b>Image Size (Diagonal)</b>	36" - 211" (Std lens)
	<b>Projection Distance</b>	1.5 - 7 m
	<b>Projection Lens</b>	F = 2.46 - 2.56 f = 22.82 - 28.49 mm
	<b>Offset (Based on Full Image Height)</b>	Manual Lens Shift
Features	<b>Features</b>	3D Features, 3D Ready(DLP link, PC+Video), Direct 3D (HDMI 1.4a), 3D Mandatory Formats supported (top/bottom, right/left, frame sequential), Keypad lock, Presentation Timer, Wall Color Correction, Instant On/Off
Compatibility	<b>Video</b>	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p), NTSC (M, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L)
Connectivity	<b>I/O Connection Ports</b>	VGA-In (15pin D-Sub) (2), HDMI v1.4b , Display Port, DVI-D, Component (5 BNC) (RGBHV) , Component (YPbPr RCA x 3), S-Video, Composite Video, Audio-In (RCA) (2), Audio-In (Mini-Jack) (2), VGA-Out (15pin D-Sub), Audio-Out (Mini-Jack), RJ45, IP Telnet Capable Over RJ-45, 12v Trigger (3.5mm mini Jack), RS-232, 3D-Sync, USB A (for 5V/1.5A power only), Remote Jack(wire remote)
General	<b>Dimensions (W x D x H)</b>	431 x 345 x 181 mm
	<b>Weight</b>	8,6
	<b>Power</b>	Supply: AC 100 - 240V Consumption:450W (Normal Mode), 340W (Eco. Mode), Standby <0.5W
	<b>Lamp Life and Type</b>	1,500/3,500 hours (Normal/Eco. Mode) 370W / 280W
	<b>Speakers</b>	3W x 2 (Stereo)
	<b>Noise Level</b>	42dB/37dB (Normal/Eco. Mode)
	<b>Standard Accessories</b>	VGA Cable, User Manual (CD), Lens Cap, Quick Start Guide, Warranty Card (by region), Remote Controller (with battery), AC Power Cord
	<b>Optional Accessories</b>	Spare Lamp P/N (5811118452-SVV (Non-Tilt Lamp), 5811118482-SVV (Tilt Lamp)), Remote Control P/N (5041825300)
	<b>Warranty</b>	Large Venue Warranty: 5 years projector / 1 year on lamp or 1.000 hours whichever comes first

## OPTIONAL LENSES

Lens Name	Standard Lens	Wide Fix	Long Zoom 1	Long Zoom 2	Short Throw
<b>Aspect Ratio</b>	16:9	16:9	16:9	16:9	16:9
<b>Throw Ratio</b>	1.54 - 1.93:1	0.78:1	1.93 - 2.89:1	3.0-5.0:1	1.1-1.3:1
<b>Projection Distance</b>	1.5m-7m	0.5m-3m	2m-20m	3m-20m	1m-9m
<b>Image Size</b>	30-300	25-300	30-500	35-400	30-300
<b>Zoom</b>	-	-	-	-	-
<b>F Number</b>	-	-	2.5 - 3.1	1.67x	2.05 - 2.27
<b>Focal Length</b>	-	-	28.5 - 42.75 mm	2.2 - 2.5	16.64 - 19.54 mm
<b>Part Number</b>	5811119236-SVV (LNS-5SZ1)	5811120818-SVV (VL904G/LNS-5FX2)	5811116224-SU (LNS-5LZ1)	5811120055-SVV (LNS-5LZ2)	5811120054-SVV (LNS-5STZ)