

**Ultra short throw LCD projector with a suite of advanced features delivering a complete interactive experience.**



## Key Features

- WXGA 1280 x 800 resolution
- 2,700 ANSI lumens white/color output
- 10,000:1 contrast ratio
- HDMI 2 inputs
- Powered Focus / Perfect Fit 2
- Interactive pens
- Auto-calibration
- Multi-pen capability
- PC-less drawing
- Multi-display interactive
- HDCR/Accentualizer/ Image Optimizer
- Optional finger touch module
- StarBoard Interactive Software included with no yearly subscription fee!
- Compatible with other top interactive software



## DUKANE CORP

Audio Visual Products  
2900 Dukane Drive, St. Charles, Illinois 60174  
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The innovative interactive 8120WIA features an ultra short throw design and integrates Dukane's powerful software to deliver a complete interactive experience on any flat surface. With a rich feature set that meets the specific interactive needs of K-12, higher education, and corporate users, the 8120WIA is both easy to install and easy to calibrate. It provides vibrant image quality with cost-effective operation and produces large images in small spaces. New generation interactive features include interactive pen, multiple pen capability, auto-calibration, PC-less drawing, and multi-display interactive. If you purchase the optional Finger Touch Module (FT01), the 8120WIA supports interactive with finger touch. Additionally, a suite of advanced features normally found only on the higher end models includes High Dynamic Contrast Range (HDCR), 2 HDMI ports, and Dukane's original technology Accentualizer that allows the projected image to appear more real by enhancing sharpness, gloss and shade. As with all Dukane projectors, you can expect vibrant image quality, cost-efficient operation, and long-lasting reliability. Plus, Dukane's Intelligent Eco and Saver Modes with ImageCare combines optimal picture performance with energy-savings for a lower total cost of ownership. For added peace of mind, Dukane's 8120WIA is also backed by a generous 5 year warranty and our world-class service and support programs.



# 8120WIA

## UNIQUE FEATURES

### Starboard Interactive Presentation Software



Dukane's world-class interactive StarBoard Software (SBS) is the next standard in collaboration, information sharing and dynamic presentation software. With a customizable interface and toolbar, Starboard streamlines your workflow and improves production. While you would expect to pay hundreds of dollars extra for similar interactive software from the competition, Dukane bundles it as a standard feature with each interactive projector.

### Accentualizer

Dukane original technology makes pictures look more real by enhancing sharpness, gloss and shade to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of the objects they represent.



### HDCR (High Dynamic Contrast Range)

When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images even in bright rooms.



### Cloning Function



Copy setting data from one projector to others of the same model via USB memory. Cloning not only saves almost all PJ settings such as gamma and keystone via USB memory, it saves countless hours in setup and installation.

### ImageCare Technology



ImageCare is a lamp power control function that combines optimal picture performance with maximum energy savings by decreasing energy usage, improving contrast ratio and lengthening lamp life. The result is a lower total cost of ownership and decreased maintenance cost.

### Intelligent Eco and Saver Modes



Automatically changes the brightness of the lamp according to the brightness level of the screen. Also, automatically changes the brightness of the lamp if there is no change in the screen image. Using ImageCare technology, these features give optimal picture performance with maximum energy savings.

### Perfect Fit 2



Enables the user to adjust individual corners and sides independent of one another. Perfect Fit 2 provides vertical and horizontal digital correction of either barrel or pin cushion distortions. This feature helps correct geometric and complicated distortions. Perfect Fit 2 allows the projected image to fit correctly to the screen quickly and easily.

### Projector Quick Connection App For Mobile Devices



Our iOS application offers projector control and also provides the capability to display photos, document files and web site contents. Available for iPad®, iPhone® and Android devices. Works over your LAN via your RJ-45 port or via an optional USBWL11N wireless adapter.

### Tabletop Presentation



Make any tabletop a projection screen using the optional tabletop stand. Ideal for a small group environment or in a room with limited space.

## STANDARD FEATURES

### Input Source Naming



Users can name input sources in simple language instead of factory default names.

### Microphone Input



A microphone can be used via the jack located on the input panel. Allows for more dynamic presentations even in standby mode.

### Network Control, Maintenance and Security



Embedded networking gives you the ability to manage and control multiple projectors over your LAN. Features include scheduling of events, centralized reporting, image transfer and e-mail alerts for reactive and routine maintenance.

### PC-Less Presentation



By using a USB memory stick or other storage device, you can use the projector without a computer. Menus are easy to see with a thumbnail display. Additionally there is also a slideshow and video function.

### PIN Lock / MyScreen / MyText



PIN lock protection can limit projector users. MyScreen PIN lock keeps captured images on the startup screen. Users can set any name logo to MyScreen, clearly identifying ownership. MyText provides the ability to write text on the startup screen such as model name, serial number or location.

### PJMessenger



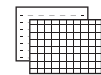
PJMessenger function allows you to send and display text messages and audio alerts on your networked projectors. It is an easy and efficient way to send announcements out to multiple units.

### Present Content via LAN



Dukane's suite of networking software allows you to easily send content directly from your PC to the projector via your LAN connection.

### Template Function



Line templates in the projector menu can help when writing on a whiteboard. There are four types of line templates to choose from.

### Wireless Presentation Compatible



Connect the projector to a computer or your network using the optional USB wireless adapter (part number USBWL11N). The adapter supports IEEE802.11n.

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# 8120WIA LCD Projector



## New generation interactive projector for education and corporate environments.

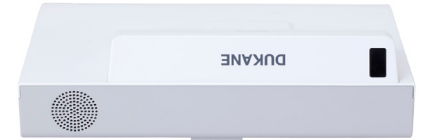
The 8120WIA ultra short throw interactive LCD projector from Dukane is specifically designed to enhance the visual experience — from the audience to presenters. Whether in a classroom or executive boardroom, the 8120WIA is the perfect solution. With



2,700 ANSI lumens brightness and WXGA 1280 x 800 resolution, the 8120WIA will captivate the full attention of any audience by delivering your message with clarity and impact. Vivid colors. Bold graphics. Crisp text. It also features a high contrast ratio, long lamp life, cloning function enabling you to copy settings data from one projector to others of the same model, and is wireless presentation ready. Plus, embedded networking gives you the ability to manage and control multiple projectors over your LAN (scheduling of events, centralized reporting, image transfer and email alerts). Best of all, the high performance 8120WIA is exceptionally reliable and offers a very low cost of ownership.



3/4 View  
(with cable cover)



Front View (without cable cover)

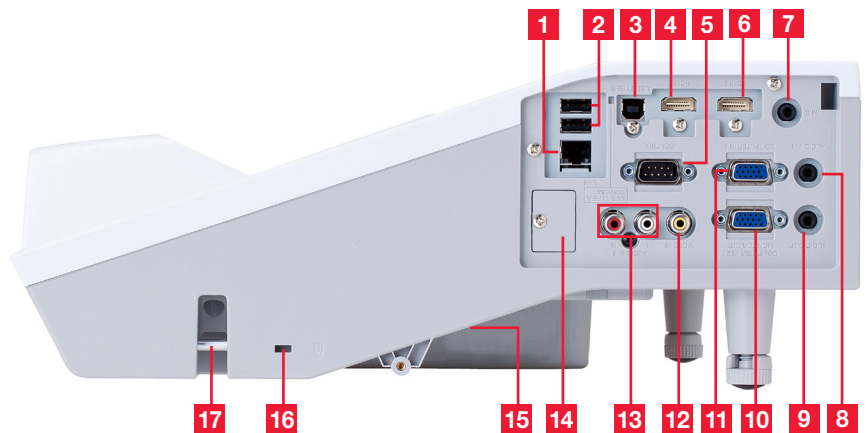


Top View (with cable cover)



Wall Mounted (with cable cover)

## Input/Outputs



- |                      |                                   |  |
|----------------------|-----------------------------------|--|
| 1. LAN               | 8. Audio in                       | 13. Audio in 2                                       |
| 2. USB Type A x 2    | 9. Audio out                      | 14. Finger Touch Unit Power                          |
| 3. USB Type B        | 10. Computer in 2/<br>Monitor out | 15. AC in (located on back<br>side of the projector) |
| 4. HDMI 1            | 11. Computer in 1                 | 16. Kensington Lock                                  |
| 5. Control (RS-232C) | 12. Video in                      | 17. Security Bar                                     |
| 6. HDMI 2            |                                   |  |
| 7. Microphone Input  |                                   |  |

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# 8120WIA

Accessories	
<b>Supplied Accessories</b>	Remote control, power cord, computer cable, USB cable, interactive software DVD, interactive pen x 2, pen tips x 4, user's manual
<b>Optional Accessories</b>	Interactive pen (I-PEN3), interactive pen tip x12 (I-PEN3 Tip), finger touch unit (FT-01), wall mount (HAS-WM03), wall mount (HAS-WM05), wall adapter for 16" (HAS-WA16), table stand kit (TT03), bracket for Apple TV (HAS-RB01), adapter for A3 wall mount (HAS-WB01), adapter for A100 wall mount (CPA100ADPA7), wireless adapter (USBWL11N), MS-1, MS-1WL multifunction switchers
Replacement Parts	
<b>Lamp</b>	456-8120WIA
<b>Remote Control</b>	HL03033
<b>Filter</b>	UX37191

### Projection Throw Chart (In inches)

Screen Size 16:10	Throw Distance	
Diagonal	Distance from edge of projector to screen	Distance from mirror cover to screen
60	5.0	16.1
70	7.8	18.9
80	10.5	21.6
90	13.3	24.4
100	16.1	27.1

Throw Ratio: (distance : width)  
0.2 : 1 from edge of projector  
0.3 : 1 from mirror cover



- Comes bundled with Dukane interactive projectors
- World-class integrated software
- Collaborate, integrate, annotate



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Specifications		
Display	<b>Projection Technology</b>	3LCD, 3 chip technology
	<b>Resolution</b>	WXGA 1280 x 800
	<b>White Light Output</b>	2,700 ANSI lumens
	<b>Color Light Output</b>	2,700 ANSI lumens
	<b>Colors</b>	16.7 million colors
	<b>Aspect Ratio</b>	Native 16:10 / 4:3 and 16:9 compatible
	<b>Contrast Ratio</b>	10,000 : 1 (using active IRIS)
Lens & Operation	<b>Throw Ratio</b> (distance : width)	0.2 : 1 from edge of projector to screen 0.3 : 1 from mirror cover to screen
	<b>Focus Distance</b>	16" - 27" from mirror cover to screen
	<b>Display Size</b>	60" - 100"
	<b>Lens</b>	f = 4.21 mm
	<b>Lamp Wattage</b>	250W
Compatibility	<b>Expected Lamp Life*</b>	Approximately 5,000 hours (standard mode) 10,000 hours (Eco-2 mode)
	<b>Expected Filter Life**</b>	Approximately 4,000 hours
	<b>Speaker Output</b>	16W
	<b>Keystone</b>	H and V: +/- 5°
	<b>Computer</b>	VGA, SVGA, XGA, WXGA, WXGA+/SXGA+/WSXGA+/UXGA (compressed), MAC 16"
Connectors	<b>H-Sync</b>	15 kHz - 106 kHz
	<b>V-Sync</b>	50 Hz - 120 Hz
	<b>Composite Video</b>	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	<b>Component Video</b>	480i, 480p, 576i, 720p, 1080i, 1080p
	<b>HDMI</b>	480i, 480p, 576i, 720p, 1080i, 1080p, computer signal TMDS clock 27 MHz - 150 MHz
	<b>Digital Input</b>	HDMI x 2 (HDCP compliant)
	<b>Computer Input 1</b>	15-pin mini D-sub x 1
	<b>Computer Input 2</b>	15-pin mini D-sub x 1
	<b>Computer Monitor Output</b>	15-pin mini D-sub x 1 (shared with computer in 2)
	<b>Video Input</b>	
Ratings & Warranty	S-Video	N/A
	Composite Video	RCA jack x 1
	Component Video	15-pin D-sub x 2 (shared with computer in 1/2)
	<b>Audio Input</b>	3.5 mm stereo mini jack x 1, RCA jack (L/R) x 1, MIC-in 3.5 mm mini jack x 1
	<b>Audio Output</b>	3.5 mm stereo mini jack x 1
	<b>Network LAN Wired</b>	RJ-45 port (10 base-T / 100 base-TX)
	<b>Network LAN Wireless</b>	USB-A, IEEE802.11 b/g/n - optional wireless adapter required
	<b>USB</b>	Type A x 2 (PC-less presentation, wireless adapter) Type B x 1 (USB display or mouse control)
	<b>Control Terminals</b>	9-pin D-sub x 1 (RS-232 control)
	<b>Power Supply</b>	AC100-120V / AC220-240V, 50/60Hz
<b>Power Consumption</b>	360W	
<b>Operating Temperature</b>	32°F - 104°F (0°C - 40°C)	
<b>Dimensions (W x D x H)</b>	14.8" x 14.2" x 5.4" (excluding protruding parts) Shipping 22.2" x 18.9" x 9.6"	
<b>Weight</b>	Approximately 9.9 lbs. / Shipping 18.5 lbs.	
<b>Approvals</b>	UL 60950-1 / cUL, FCC part 15 subpart B Class B	
<b>Warranty</b>	Five (5) year limited warranty plus Dukane's 1 year Peace of Mind Loaner Program	
<b>UPC</b>	605194004775	

\* Actual lamp life will vary by individual lamp based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.

\*\* Actual filter life will vary by individual filter based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.



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