9009WU DLP® Projector

Advanced functionality projector delivers vivid image quality along with exceptional installation flexibility.

Key Features

- WUXGA 1920 x 1200
- 10,000 ANSI lumens brightness
- 2,000 hours lamp life (Standard mode) and 4,000 hours (Eco mode), 1,000 hours (Portrait mode)
- Edge Blending & Warping with extended range
- HDCR / Accentualizer / Color Management
- Portrait Projection / 360° installation
- Lens Shift / Picture Shift
- Convenient Networking / Wireless Capability / Smart Device Control
- Five digital inputs: HDBaseT, HDMI x 2, SDI, DVI-D
- Wide range of lens options

DUKANE CORP
Audio Visual Products
2900 Dukane Drive, St. Charles, Illinois 60174
Toll-free: 888-245-1966 • Fax: 630-584-5156
E-mail: avsales@dukane.com
www.dukane.com/av

The 9009WU DLP® projector is a true achievement in graphics display technology and performance. Offering the most advanced functionality with flexible installation features, Dukane's 9009WU is a perfect choice for large auditoriums, conference rooms, museums, and concert or stage productions. It can provide 24/7 use as well as multi-projection capability. Plus, 10,000 ANSI lumens brightness and 2500:1 contrast ratio results in a super bright display with outstanding image clarity and uniformity. Always on the cutting-edge of technology, Dukane's 9009WU is an HDBaseT-enabled projector which delivers whole-home and commercial distribution of uncompressed HD multimedia content over a single CAT5e/6 cable. HDBaseT is unique in its ability to provide professional installers with a much simpler and more cost-effective way to transmit uncompressed HD video up to 328 ft. No matter how large the application environment, the 9009WU delivers larger-than-life performance. For added peace of mind, Dukane's 9009WU is also backed by a generous warranty and our world-class service and support programs.

5 YEAR warranty

9009WU

PICTURE BY DLP TEXAS INSTRUMENTS

HDBT™

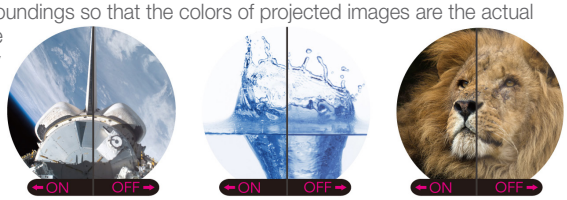
YouTube

9009WU DLP® Projector

UNIQUE FEATURES

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.



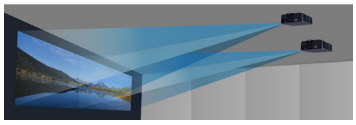
Sharpness *Gloss* *Shade*

Color Management

Allows you to change the HUE, SATURATION, LUMINANCE of each 6 colors (red, green, blue, cyan, magenta and yellow) without influencing each other. With this new technology, for example, you can change only bluish colors, such as the sky, while maintaining the other colors by adjusting the HUE of blue.

Edge Blending

Projectors are equipped with the Edge Blending function that achieves the seamless projection of one image using multiple projectors. The 9009WU comes with various blending functions that meet the level users are looking for.

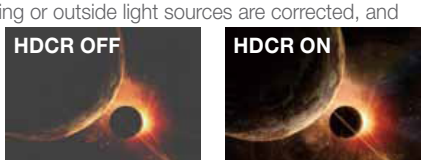


Instant blending: Easily perform blending processing without the use of any special equipment.

Automatic blending: Use a camera and quickly perform high precision blending processing automatically. *Requires installation of a specialized application to your computer.*

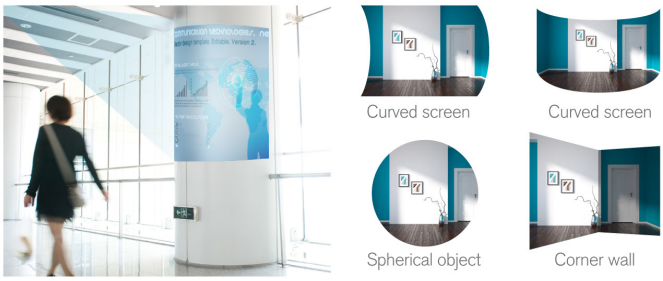
HDCR (High Dynamic Contrast Range)

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.

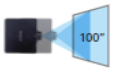
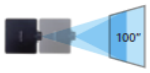
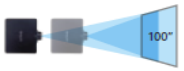
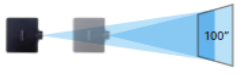
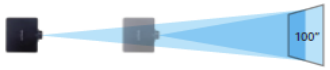


Geometric Correction (Warping)

Geometric correction is possible from your computer by using the specialized application. Projection is possible on spherical surfaces and surfaces with corners, as well as conventional flat screens.



Seven lenses are available to match various screen sizes and installation environments. Projection is possible in diverse installation areas from small conference rooms to auditoriums, convention halls and other large spaces.

Variety of Interchangeable Lenses	Projection distance For 100"screen	Throw ratio	Projection distance for optional lenses when projecting onto a 100"screen(Full screen)
FL-910 Ultra short throw Zoom Fixed lens	33"	0.38	
USL-901 Ultra short throw lens Zoom x1.3	67"-84"	0.8-1.0	
SL-902 Short throw lens Zoom x1.5	100"-149"	1.1-1.7	
SD-903 Standard lens Zoom x1.5	140"-209"	1.6-2.4	
ML-904 Middle throw lens Zoom x1.5	205"-313"	2.4-3.6	
LL-905 Long throw lens Zoom x1.6	298"-482"	3.5-5.6	
UL-906 Ultra long throw lens Zoom x1.6	472"-749"	5.5-8.8	

9009WU DLP® Projector

STANDARD FEATURES

Center Lens Design: This feature makes it easy to align the projector with the center of the screen for faster and trouble-free setup.

Motorized Zoom, Focus and Lens Shift Control: Allows for greater range of installation possibilities. With the motorized function you can make fine adjustments through the remote control or RS232/IP device.

Multiple Lens Options: 7 optional lenses are available: FL910, USL901, SL902, SD903, ML904, LL905, UL906.

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.

Picture By Picture: Enables the content from two input sources to be displayed simultaneously, side by side on one screen. You can use two sources including 2 HDMI, with both images sharing equal screen size. The feature is ideal for teleconferencing applications.

Picture In Picture: Enables you to display one image inside another image using two sources including 2 HDMI

Status Monitor: With the status monitor, you'll have access in real time to projector diagnostics. Status updates include configuration information, maintenance history, as well as error and alarm messaging.

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.

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.

Wireless Presentation Compatible: Connect the projector to a computer or your network using the optional USB wireless adapter (part number USBWL11N). The adapter supports IEEE802.11b/g and 11n.

360º Rotation: Display rotation of 360º for creative applications and greater installation flexibility. The side planes of the projector should be kept vertical.

Front View

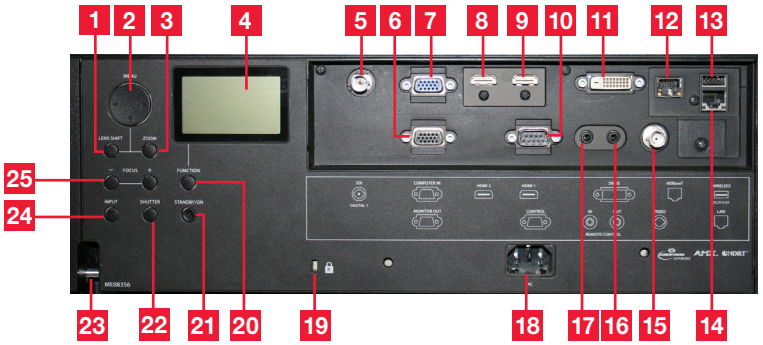
Rear

Top View

3/4 View

Right Profile

Input/Outputs



1. Lens Shift
2. Menu
3. Zoom
4. Status Monitor
5. SDI/Digital
6. Monitor Out
7. Computer In
8. HDMI 2
9. HDMI 1
10. Control port
11. DVI-D
12. HDBaseT™
13. USB-A (for wireless adapter)
14. LAN
15. Composite Video
16. Remote Out
17. Remote In
18. AC In
19. Kensington Lock
20. Function
21. Standby / On
22. Shutter
23. Security Bar
24. Input
25. Focus +/-

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DUKANE CORP
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2900 Dukane Drive, St. Charles, Illinois 60174
Toll-free: 888-245-1966 • Fax: 630-584-5156
E-mail: avsales@dukane.com
www.dukane.com/av

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DUKANE

Accessories and Lenses

Supplied Accessories	Power cord, computer cable, wireless remote control, Ferrite core and band x 2, cable tie, AA batteries x 2, security label, wireless USB cover
Optional Accessories	Wireless adapter (USBWL11N), HL02804 remote control
Optional Lenses	7 optional lenses are available, FL910, USL901, SL902, SD903, ML904, LL905, UL906

Replacement Parts

Lamp	456-9009WU
Remote Control	HL02804
Filter	UX39551

Projection Throw Chart

Screen Size 16:10		Throw Distance	
Diagonal	**Width**	**Min**	**Max**
50	42	69	104
60	51	83	125
80	68	111	167
100	85	140	209
150	127	210	314
200	170	280	419
300	254	420	629
600	509	841	1258

Throw Ratio: 1.6 - 2.4 : 1 (distance : width)
Screen size and throw distance are measured in inches with standard lens SD903W.

Projection Lens Chart

Lens	Inches	Meters
FL910	33	.83
USL901	67 - 84	1.7 - 2.1
SL902	100 - 149	2.5 - 3.8
SD903	140 - 209	3.5 - 5.3
ML904	205 - 313	5.2 - 7.9
LL905	298 - 482	7.6 - 12.2
UL906	472 - 749	12.0 - 19.0

Projection distances measured in inches and meters with standard lens and optional lenses when projecting onto a 100" diagonal screen.

Specifications

Display	**Projection Technology**	Single chip DLP
	Resolution	WUXGA 1920 x 1200
	Brightness	10,000 ANSI lumens
	Colors	16.7 million colors
	Aspect Ratio	Native 16:10 / 4:3, 14:9 and 16:9 compatible
	Contrast Ratio	2500 : 1 (using active IRIS)
	Throw Ratio (distance : width)	Specification will vary depending on which lens is used with the projector.
	Focus Distance	69" - 1258" (with SD903 lens)
	Display Size	50" - 600"
Lens & Operation	**Lens**	Specification will vary depending on which lens is used with the projector.
	Lamp Wattage	430W (Dual)
	Expected Lamp Life*	Approximately 2,000 hours (Standard mode) 4,000 hours (Eco mode), 1,000 hours (Portrait mode)
	Expected Filter Life**	Approximately 15,000 hours
	Speaker Output	N/A
	Keystone	H and V: +/- 30°
Compatibility	**Computer**	VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/WSXGA+/ UXGA/WUXGA, MAC 16"
	H-Sync	31.5 kHz - 106 kHz
	V-Sync	56 Hz - 120 Hz
	Composite Video	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	Component Video	480i, 480p, 576i, 720p, 1080i, 1080p
	HDMI	480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS clock 27 MHz - 150 MHz
Connectors	**Digital Input**	HDBaseT x 1, HDMI x 2, BNC x 1 (SDI/HDSDI/3G), DVI x 1
	Computer Input 1	15-pin mini D-sub x 1 (shared with analog component video input)
	Computer Input 2	N/A
	Computer Monitor Output	15-pin mini D-sub x 1
	Video Input	
	S-Video	N/A
	Composite Video	BCN x 1
	Component Video	15-pin D-sub shrink x 1 (shared with analog computer in
	Audio Input	N/A
	Audio Output	N/A
	Network LAN Wired	RJ-45 port x 1
	Network LAN Wireless	USB-A, IEEE802.11 b/g/n - optional wireless adapter required
	HDBaseT	RJ-45 port x 1
	USB	Type A x 1 (wireless network)
	Wired Remote Control	3.5 mm stereo mini jack (IN/OUT)
	Control Terminals	9-pin D-sub x 1 (RS-232 control)
Ratings & Warranty	**Power Supply**	AC110-120V / AC220-240V, 50/60Hz
	Power Consumption	1090W / 1070W
	Operating Temperature	32°F - 113°F (0°C - 45°C) Normal mode
	Dimensions (W x D x H)	21.1" x 17.2" x 6.7" (without lens) / Shipping 27" x 23" x 10"
	Weight	Approximately 37.7 lbs. (without lens) / Shipping 40.8 lbs.
	Approvals	UL60950-1/cUL, FCC Part 15 subpart B class A
	Warranty	Five (5) year limited warranty plus Dukane's 1 year Peace of Mind Loaner Program
	UPC	605194005444

* Actual lamp life will vary by individual lamp and 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 and 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.

All specifications subject to change without notice.
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