

Fully featured short throw LCD projector with network capabilities and a low operating cost all in a portable design.

205 Westwood Ave, Long Branch, NJ 07740
Phone: 866-94 BOARDS (26273) / (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com



Key Features

- WXGA 1280 x 800 resolution
- 3,000 ANSI lumens white/color output
- 16 watt audio output
- 10,000:1 contrast ratio
- HDMI 2 inputs
- HDCR/Accentualizer
- 6,000 hours lamp life (Eco-2 mode)*
- Projector Quick Connect iOS and Android App
- Image Optimizer

Dukane's 8230W short throw LCD projector combines an array of advanced features in a compact, portable design perfectly suited for classrooms of any size. Small in size, but big on performance, the 8230W provides vibrant image quality, cost-effective operation, and long-lasting reliability. The 8230W incorporates HDCR and Accentualizer, which enhance the image quality and the Image Optimizer automatically adjusts to keep a clear picture. Plus, Dukane's Intelligent Eco Mode with ImageCare combines optimal picture performance with energy savings for a lower total cost of ownership. For added peace of mind, Dukane's 8230W is also backed by a generous warranty and our world-class service and support programs.

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



8230W

UNIQUE FEATURES

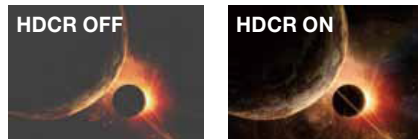
Accentualizer

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.



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 configuration settings from one projector to others of the same model via USB memory. Cloning can save almost all PJ settings such as gamma and keystone via USB memory.



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.



Projector Quick Connection App For Mobile Devices

Our iOS application offers full 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.



STANDARD FEATURES

Input Source Naming

Users can rename input sources in more descriptive terms instead of the 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 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.



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.



DUKANE CORP

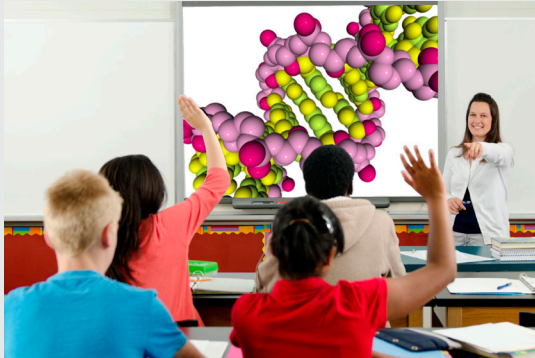
Audio Visual Products
2900 Dukane Drive, St. Charles, Illinois 60174
Toll-free: 888-245-1966 • Fax: 630-584-5156
E-mail: avsales@dukane.com
www.dukane.com/av

8230W LCD Projector



Enhance the educational experience with Dukane's 8230W.

The 8230W short throw LCD projector from Dukane is specifically designed to enhance the educational experience — for students and teachers. Leading edge projector technology helps stimulate the imagination of students of all ages and makes lessons become more interesting, compelling and memorable. Vivid colors. Bold graphics. Crisp text. The 8230W does it



all in classrooms of all sizes. With 3,000 ANSI lumens brightness and WXGA 1280 x 800 resolution, the 8230W provides the perfect solution. It also features a high contrast ratio, long lamp life, cloning function enabling you to copy configuration settings 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 8230W is exceptionally reliable and offers a lower cost of ownership.



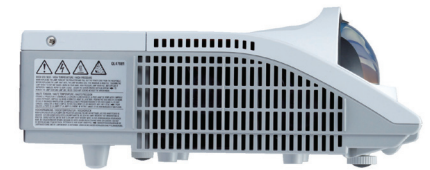
Front View



Top View

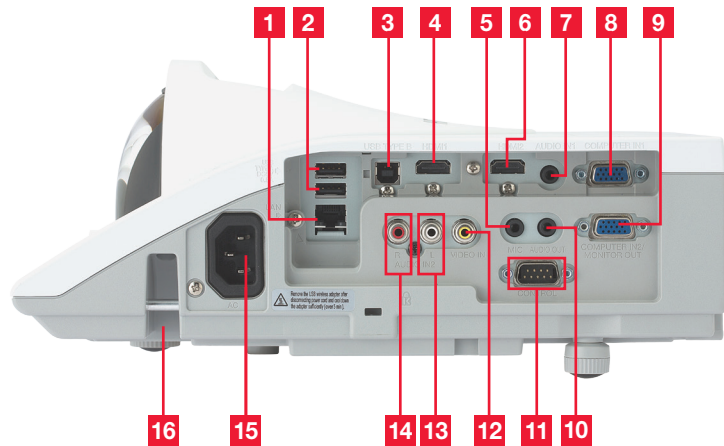


Back 3/4 View



Side Profile

Input/Outputs



- | | | |
|---------------------|------------------|------------------|
| 1. LAN | 7. Audio in 1 | 12. Video |
| 2. USB Type A x 2 | 8. Computer in 1 | 13. Audio in 2 L |
| 3. USB Type B | 9. Computer in 2 | 14. Audio in 2 R |
| 4. HDMI | 10. Audio Out | 15. AC in |
| 5. Microphone Input | 11. Control | 16. Security Bar |
| 6. HDMI2 | | |



3LCD Technology



Closed Captioning



Crestron Integrated Partner



AMX Device Discovery

HDMI HDMI

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

8230W

Accessories and Lenses

| | |
|-----------------------------|---|
| Supplied Accessories | Remote control, power cord, computer cable, 2 AA batteries, lens cover, USB wireless adapter cover, application CD, user's manual CD, user's manual |
| Optional Accessories | USB Wireless Adapter, TB-1 wireless pen tablet |
| Replacement Parts | |
| Lamp | 456-8109W |
| Remote Control | HL03035 |
| Filter | UX37191 |

Projection Throw Chart (In inches)

| Screen Size 16:10 | | Throw Distance |
|-------------------|-------|----------------|
| Diagonal | Width | |
| 60 | 51 | 19.7 |
| 70 | 59 | 23.4 |
| 80 | 68 | 27.1 |
| 90 | 76 | 30.8 |
| 100 | 85 | 34.5 |

Throw Ratio: (distance : width) 0.4 : 1

Specifications

| | | |
|-------------------------------|--|--|
| Display | Projection Technology | 3LCD, 3 chip technology |
| | Resolution | WXGA 1280 x 800 |
| | White Light Output | 3,000 ANSI lumens |
| | Color Light Output | 3,000 ANSI lumens |
| | Colors | 16.7 million colors |
| | Aspect Ratio | Native 16:10 / 4:3 and 16:9 compatible |
| | Contrast Ratio | 10,000 : 1 (using active IRIS) |
| Lens & Operation | Throw Ratio (distance : width) | 0.4 : 1 |
| | Focus Distance | 19" - 53" |
| | Display Size | 60" - 150" |
| | Lens | f = 5.65 mm |
| | Lamp Wattage | 250W |
| Compatibility | Expected Lamp Life* | Approximately 4,000 hours (standard mode) 6,000 hours (Eco-2 mode) |
| | Expected Filter Life** | Approximately 4,000 hours |
| | Speaker Output | 16W |
| Connectors | Keystone | H and V: +/- 5° |
| | Computer | VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA (compressed), MAC 16" |
| | H-Sync | 15 kHz - 106 kHz |
| | V-Sync | 50 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 |
| Ratings & Warranty | Digital Input | HDMI x 2 (HDCP compliant) |
| | Computer Input 1 | 15-pin mini D-sub x 1 |
| | Computer Input 2 | 15-pin mini D-sub x 1 |
| | Computer Monitor Output | 15-pin mini D-sub x 1 |
| | Video Input | |
| | S-Video | N/A |
| | Composite Video | RCA jack x 1 |
| | Component Video | 15-pin mini D-sub x 2, (shared with computer in 1/2) |
| | Audio Input | 3.5 mm stereo mini jack x 1, RCA jack (L/R) x 1 |
| | Audio Output | 3.5 mm stereo mini jack x 1 |
| Connectors | Network LAN Wired | RJ-45 port (10 base-T / 100 base-TX) |
| | Network LAN Wireless | USB-A, IEEE802.11 b/g/n - optional wireless adapter required |
| | USB | Type A x 2 (PC-less presentation, wireless adapter) Type B x 1 (USB display or mouse control) |
| | Control Terminals | 9-pin mini D-sub x 1 (RS-232 control) |
| | Power Supply | AC90-132V / AC198-264V, 50/60Hz |
| | Power Consumption | 360W / 350W |
| | Operating Temperature | 32°F - 104°F (0°C - 40°C) |
| | Dimensions (W x D x H) | 13.6" x 11.9" x 3.4" (excl. protruding parts) Shipping 15" x 14" x 8" |
| | Weight | Approximately 8.2 lbs. / Shipping 14 lbs. |
| | Approvals | UL 60950-1 / cUL FCC Part 15 subpart B Class B |
| Ratings & Warranty | Warranty | Five (5) year limited warranty plus Dukane's 1 year Peace of Mind Loaner Program |
| | UPC | 605194004669 |

* 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.



205 Westwood Ave, Long Branch, NJ 07740
 Phone: 866-94 BOARDS (26273) / (732)-222-1511
 Fax: (732)-222-7088 | E-mail: sales@touchboards.com

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



8230W