To correctly match multiple units, the WU630 has ten lamp power steps between 80% and 100% of full brightness. This helps to achieve balanced color matching.

WU630 has a full 3-axis color matching system, which, when combined with accurate measurements, can create seamless blends every time.

No two projectors are completely identical. When performing edge-blend projects using multiple projectors, it can be difficult to achieve good performance. The WU630 uses Edge Blending Controls to ensure that every projector creates an accurate part of the final image, maintaining high performance across the entire display.

Sources – perfect for video-conferencing and other collaborative applications.

WU630 supports picture-by-picture and picture-in-picture. Signals can be delivered to multiple projectors to create a single image, ensuring that every part of the display is of high quality.

To meet the challenges of Pro AV installations, the WU630 offers five lens options, each with motorised zoom and focus, to accurately deliver the image to the screen. These lenses are purpose-built for high quality glass optical elements, which maintain optimum sharpness and focus uniformity over the entire image. The ProScene insistence on high-performance projectors is evident in the WU630, which is designed to adapt to almost any installation scenario.

High quality glass optical elements maintain optimum sharpness and focus uniformity over the entire image. The ProScene insistence on high-performance projectors is evident in the WU630, which is designed to adapt to almost any installation scenario.

Houses of worship

Trade shows

Image Quality Reliability

Better than Full HD Resolution

High quality glass optical elements maintain optimum sharpness and focus uniformity over the entire image. The ProScene insistence on high-performance projectors is evident in the WU630, which is designed to adapt to almost any installation scenario.

Optoma has proven itself in some of the world’s most demanding environments, including auditoriums, houses of worship, auditoriums, and large classrooms. For more than ten years Optoma has been one of the world’s foremost projector designers and manufacturers – amongst the very few companies that focus exclusively on projection. Today the Optoma ProScene range represents the evolution of projection perfection, honed and refined by manufacturing hundreds of projectors worldwide. This knowledge and skill has been distilled into the latest models and support systems which are designed specifically for demanding professional applications.

Image Quality Reliability

Better than Full HD Resolution

High quality glass optical elements maintain optimum sharpness and focus uniformity over the entire image. The ProScene insistence on high-performance projectors is evident in the WU630, which is designed to adapt to almost any installation scenario.

Installation Flexibility

WU630 is designed for continuous 24/7 operation. Only the most reliable, industry proven components are used to ensure superior reliability. This confidence is a result of Optoma’s high standard of quality and robustness, honed and refined by manufacturing and supporting millions of projectors the world over. This knowledge and skill has been distilled into the latest models and support systems which are designed specifically for demanding professional applications.

WUXGA 6000 lumens
Motorised lens shift with lens memory
Five lens options
24/7 and 3000 operation

www.optoma.com
WU630 has a full 3-axis color matching system, which, when combined with accurate measurements, can create seamless blends every time.

Images can be projected over a full 360° range along the vertical axis, including reproduction on a ceiling or floor.

360° Projection Capability

it, while a choice of two different colour wheels allows the right balance of colour and brightness for mechanisms, for easy and accurate adjustment after initial installation.

High quality glass optical elements maintain optimum sharpness and focus uniformity over the entire image. The ProScene insistence on high-performance projectors.

Reliability

Continuous 247 Operation

WU630 is designed for continuous 24/7 operation. On the most reliable, industry proven components are used to ensure superior reliability. This hardened “reliability” has been meticulously developed over a decade of designing and developing, proving, in the world's most demanding applications. You can be confident that, as one of the most reliable projector brands in the industry today, Optoma has a record for service excellence that we will do our utmost to maintain.

High-Efficiency Projection Lamp

The Philips UHP lamp provides the highest possible efficiency, the essential foundation of all high-performance projectors. The lamp stays brighter longer, provides a longer service life and a reduced level of luminous flux throughout its life. In addition, the lamp driver is specifically tuned for the lamp, ensuring optimum operating conditions and power stability for any situation.

Precision Optics

High quality glass optical elements maintain optimum sharpness and focus uniformity over the entire image. The ProScene insistence on uncompromising optical quality ensures extremely low color shift and chromatic aberration resulting in crystal clear, high contrast images. Select from a range of five premium quality lenses, including short throw, wide-angle and long throw options. All have motorised shift, focus and zoom, for easy and accurate adjustment after easy installation.

Control

System Integration Control

WU630 includes connections for HDMI, DVI, VGA and 5 BNC. Control can be implemented via RS-232 or LAN, with support for Crestron RoomView and Crestron, allowing centralized monitoring and control of any projector functions. Superb image quality at the heart of every Optoma product. At every step, commencing with the incredibly reliable, high resolution WUXGA DLP® chip, where the image is initially created via the powerful Philips UHP projection lamp, through to the precision optics which focus the image on the screen, accuracy and integrity of the image are paramount.

Ultimate Control

Cut up to 30% from your energy bills using 24-hour automated power scheduling to ensure that projectors power off when not in use. The help desk then has the ability to respond with an automatic security inside the facility.

Cut up to 30% from your energy bills using 24-hour automated power scheduling to ensure that projectors power off when not in use. A unique system design ensures accurate, natural-looking images.

Lamp Pulse Technology

Adopted lamp-pulsing techniques enable color performance to be fine-tuned directly from the lamp. This unprecedented control helps to minimize violent, rapidly changing colors across the whole light spectrum. The result is stunning accuracy, natural-looking images.

Flexibility

Installation Flexibility

To meet the challenges of any installation, the WU630 offers five lens options, each with motorized zoom and focus, to accurately deliver the required image size. Motorized lens shift makes it easier than ever to locate exactly where you want - it’s a choice of two different colour wheels allowing the right balance of colour and brightness for any application. All five of the optional lenses allow easy adjustment via the motorized lens shift, focus and zoom.

Motorised lens shift

Lens shift percentage is dependent on lens, see manual for details

Picture by Picture / Picture-in-Picture

WU630 supports picture by picture and picture-in-picture. Signals can be delivered simultaneously on the HDMI and input ports, for a PIP/IP-PIC display from two digital sources - perfect for video conferencing and other collaborative applications.

360° Projection Capability

Images can be projected over a full 360° range along the vertical axis, including reproduction on a ceiling or floor.

Edge Blending Controls

The two projectors are completely identical. When performing edge-blending projects using multiple projectors, it is feasible to achieve perfect results if the input files are not right.

Color Matching

WU630 has a full 16 bit colour matching system, which, when combined with accurate measurements, can create stunningly brilliant colour.

to correlate multiple units, the WU630 has to keep up power levels between 80% and 100% of full brightness. This helps to achieve balanced brightness levels across adjacent projectors.

Schedule Event

Reserved Express issues scheduling of recurring or one time events whereby the projector automatically powers on or off at a specified time. Throughout the week can save valuable light source life and ensure optimal brightness levels.

Help Alert

An automatic system help desk alerts are triggered to come to the top. The help desk then has the ability to respond with an automatic security inside the facility.

Event List

A useful facility to monitor or control SmartDraw using a web browser, while displaying a real-time diagram of how much output is available.

Display power

Check off-list status of display power and system power. View a bar graph comparing the percentage of available projector light source usage and set an alert to notify the service department when the usage is too limited.

Display usage

A visual aid to display graph of source or system interval. Selected view by rooms, attributes or contacts.

I/O Connections

Lens Options

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<th>Option</th>
<th>Model Name</th>
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<th>A16</th>
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<tr>
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Specifications

| Technology | 1.00:1 DLP® chip, D-Sub15pin |
| Resolution | WXGA, 1280 x 720 |
| Aspect Ratio | 4:3 (WXGA), 16:9 (1080P) |
| Dynamic Range | 28529 Rivas Vacia |
| Vertical Keystone Correction | 0.75 to 5.50 (dependent upon lens) |
| Projector Distance | 0.05 - 10.50 (dependent upon lens) |
| Projector Image Size | 50° - 250° (dependent upon lens) |
| Projection Lens | 5 lenses options to meet customer needs |
| Lens Shift (manual) | Vertical +/- 50%, Horizontal +/- 10% |
| Lens Zoom | Power Focus/Zoom adjustment |
| Keystone Correction | Vertical and horizontal ± 2° |
| Connectivity | HDMI V1.3, DVI, VGA (YPb/Pr), 5 BNC, Composite, VGA Out, DVI, RS-232, 12V Trigger |
| Native Level | WXGA (1280 x 720) |
| Weight | 13.8kg (without accessories) |
| Dimensions (W x D x H) | 362 x 202 x 216mm (without protrusions) |