

RLM-W14

14,500 lumens, WUXGA, 3-chip DLP projector



- **Active Stereo 3D**
- **Video over a single Cat 5 cable**
- **Extended warping and blending**

Featuring a stylish projector design with a very stable lens mount, the RLM-W14 offers Active Stereo 3D and provides video over a single Cat 5 cable (HDBaseTTM). It is designed for fixed installation in museums, theaters, houses of worship, hotels, lecture halls or conference auditoriums; but its extended warping and blending, rugged chassis and optional rental frame make it equally suited for the rental market as well.

Video over a single Cat 5 cable

Supporting point-to-point transmission of video signals – up to WUXGA (1,920 x 1,200) at 60 Hz – from a source converter to a projector over a single Cat 5 cable, the RLM-W14's HDBaseTTM technology takes away the need for multiple cables and connectors, leading to more simplicity and lower costs.

Stunning images

Geared with three-chip DLP technology, the high-brightness RLM-W14 generates crisp and stable images with rich contrast and sensational colors. It also features a DICOM simulated mode that guarantees accurate grayscales and highly detailed images – key requirements for medical training.

Rugged design

Operating on a voltage of 110V - 240V, the RLM-W14 is a rugged projector that reduces noise and power consumption. Moreover, its TLD lenses are compatible with the RLM-W12, HDX and HDF projectors. It's also standard equipped with BarcoLink, allowing native WUXGA @60 Hz signals to be transmitted between the Barco image processors and projectors via a single BNC cable, for simple and reliable signal distribution.

PRODUCT SPECIFICATIONS**RLM-W14**

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|------------------------------------|---|
| Projector type | WUXGA 3-chip DLP digital projector |
| Technology | 0.96" DMD™ x3 |
| Resolution | 1,920 x 1,200 |
| Brightness | 14,500 center / 13,500 ANSI lumens* |
| Contrast ratio | 1,650:1 (standard) / 2,400:1 (CE) |
| Brightness uniformity | 90% |
| Aspect ratio | 16:10 |
| ScenergiX | Horizontal and vertical edge blending |
| Lens type | TLD+ |
| Lenses | 0.73:1 ; 1.2:1 ; 1.16-1.5:1 ; 1.5-2.0:1 ; 2.0-2.8:1 ; 2.8-4.5:1 ; 4.5-7.5:1 ; 7.5-11.5:1 |
| Optical lens shift | Vertical: -70% to +130% / Horizontal: +/-30% on zoom lenses memorized |
| Color correction | P7 |
| Lamps | 2x465W |
| Lamp lifetime | 2,000 hours (typical) / 2,500 hours (maximum) |
| Lamp warranty | 120 days, 500 hours |
| Sealed DLP™ core | Standard |
| Optical dowser | Standard |
| Picture-in-picture | Up to two sources simultaneously |
| Orientation | table - ceiling |
| WARP | preset values + custom (RS232) |
| Integrated web server | Yes |
| 3D | Dual link DVI with sync in /out BNC |
| Inputs | HDMI (HDCP 1,3); HDBase-T; 5-BNC (RGBHV, RGBS/RGBsB;YUV); VGA (RGBHV, RGBS/RGBsB;YUV); cinch (RGBs, YUV); HSDI/ 3G HDSDI /SDI; 3D DUAL LINK DVI |
| Input resolutions | From NTSC up to UXGA (1,600 x 1,200), including HDTV (1,920 x 1,200) |
| Max. pixel clock | 165Mhz up to 200Mhz |
| Software tools | Projection Toolset + Android app + iOS app |
| Control | Mini-jack + IR, RS232, 12v trigger |
| Network connection | 10/100 base-T, RJ-45 connection |
| Power requirements | 90-240V / 50-60Hz - 1,140W @ 240V, 1,230W @ 110V, STBY less than 2W |
| Noise level (typical at 25°C/77°F) | 46 dB(A) norm, 42dB(A) eco |
| Operational ambient temperature | 0-40°C / 32°-104°F |
| Operational humidity | 0-85% (non condens) |
| Dissipation BTU | max 4,131 BTU/h |
| Dimensions (WxLxH) | 631 x 504 x 270 mm / 24.8 x 19.82 x 10.63 inches |
| Weight | 33.5kg (73.8 lbs) |
| Shipping Dimensions | (LxWxH) 829 x 709 x 437 mm / 32.64 x 27.9 x 17.20 inches |
| Shipping Weight from Factory | 41.5 kg (91.49 lbs) |
| Standard accessories | Power cord, wireless remote control, HDMI to DVI adaptor |
| Certifications | Complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, CE, TUV, RHoS, WEE |
| Warranty | 3 years standard, extra 2 years optional |

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+/- 10%

Last updated: 22 Sep 2017

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.

