

# RLM-W14

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



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 (HDBaseT™). 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 HDBaseT™ 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 greyscales 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.

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**Product specifications****RLM-W14**

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

Last updated: 27 Mar 2017  
Technical specifications are subject to change without prior notice.  
Please check [www.barco.com](http://www.barco.com) for the latest information.

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