

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**

Projector type	WUXGA 3-chip DLP digital projector
Technology	0.96" DMD™ x3
Resolution	1,920 x 1,200
Brightness	14,500 center lumens / 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	(fix) 0.73:1 ; 1.2:1 ; (zoom) 1.25-1.6:1 ; 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 dowsers	Standard
Picture-in-picture	Up to two sources simultaneously
Orientation	table - ceiling
WARP	preset values + custom
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	0-80% (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
*	+/- 10%

Last updated: 07 aug 2015
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

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