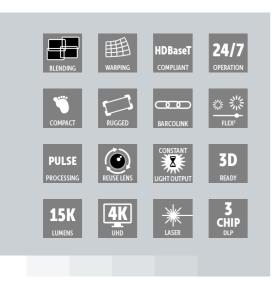
UDM-4K15

15,000 lumens, 4K UHD, 3-chip DLP digital large venue projector





- Dazzling colors outperforming the Rec. 709 color space
- High residual value thanks to rugged design
- Remote fleet management and connectivity with Barco Projector Management Suite
- Unified Pulse electronics with Single Step Processing

Just like the 22K version, the UDM-15K never compromises on the quality or brightness of your projection. The UDM-4K15 features 4K UHD resolution and 15,000 lumens light output to deliver impactful 4K experiences with mind-blowing colors.

Operational efficiency

Lift your creativity to unprecedented levels with the widest lens shift on the market and an extensive list of other peripherals which will facilitate a smooth installation and integration of the projector in your setup. Barco's unique FLEX2 feature allows you to tune and lock the brightness level or resolution for a specific show. The modular design supports fast maintenance and easy serviceability in the field.

Pulse Electronics

With the Barco Pulse proprietary Single Step Processing technology warping, scaling and 4K UHD processing is done in only one step. The result? Razor-sharp images, market leading lowest latency, and less dark time than comparable solutions.

Connectivity

The Barco Projector Management Suite dashboard and remote log file access enables faster and more effective troubleshooting. Manage the brightness settings of your projector fleet and keep track of operating conditions anywhere and anytime through a secured cloud-based platform and integrated 3G connectivity.

Long lifetime

Thanks to its robustness and the smart material choices, you can trust UDM to withstand the endurances of life on the road. With the laser phosphor light source, lamp-related costs and maintenance as well as image flicker, belong to the past. Barco's outstanding integrated laser cooling prevents overheating and the Constant Light Output functionality guarantees constant brightness and color across the projector's lifetime.



Projector type 4K UHD 3-chip DLP digital projector Gennology 0.9° DMD TM x3 Resolution 3,840 x 2,400 (4K UHD) / 2,560 x 1,600 (native) / 5,120 x 3,200 (processing) Brightness 14,500 (4K UHD) center lumens / 14,000 (4K UHD) ansi lumens* 15,000 ISO lumens* 15,000 ISO lumens* Contrast ratio Full field 2200:1 / Barco Dyna Black 20000:1 Brightness uniformity 95% Aspect ratio 16:10 GenergiX Horizontal and vertical edge blending Lenses TLD+ 0,37; 0,65-0,85; 0,8-1,16; 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
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Intical lens shift Vertical hotsean 100% to 1170% depending on land
Optical lens shift Vertical between -100% to +130%, depending on lens
Horizontal up to \pm 4-40%, depending on lens
Motorized zoom and focus (with lens memory on TLD lenses)
Motorized lens shift (with position memory on all lenses)
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Color correction P7
Laser phosphor with inorganic phosphor wheel
ight source lifetime 30,000hr (at 100% laser power, DynaBlack = off)
Optical dowser Digital
Picture-by-picture Two sources simultaneously
Sealed DLP™ core Standard
Drientation 360°
DMX 512 Standard
NARP Direct adjust OSD + toolset
mage processing Embedded warp & blend
Processing Pulse Electronics
Keystone correction Yes
ntegrated web server Yes
CLO (constant light output) Standard
Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz; optional Dual Eye Point 240Hz
nputs Single HDBaseT; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP1.3); Quad 3G/12G SDI/BarcoLink ULTRA
Optional Inputs Quad DP1.2, Fiber SFP
nput resolutions From NTSC up to 4K (4,096 x 2,160)
Refresh rates:
24hz to 120hz 4K/4KUHD (4096 x 2160 / 3860 x 2400) to 240hz WQXGA (2560 x 1600)
Max. pixel clock 600 Mhz
Software tools Projector Toolset + Android** app + iOS** app
Control XLR wired + IR, RS232, Wifi**, GSM**

PRODUCT SPECIFICATIONS	UDM-4K15
Network connection	10/100 base-T, RJ-45 connection, Wifi**
Power requirements	120-160 V (reduced power) 15A / 200-240V (+/-10%), 8.5A, 50-60Hz
Max. power consumption	1330W nom/ 1550w max @ 230 volts ECO STBY 1330W nom/ 1550w max @ 120 volts ECO STBY
Noise level (typical at 25°C/77°F)	46 dB(A)****
Operational ambient temperature	0-40°C / 32°-104°F ***
Operational humidity	0-80% (non condens)
Dissipation BTU	Max. 5,200 BTU/h
Dimensions (WxLxH)	725 x 540x 339 mm / 28.54 x 21.26 x 13.3'
Shipping Dimensions	incl. pallet
	(WxLxH) 850 x 665 x 613 mm / 33.46 x 26.18 x 24.13 inches
Weight	48 kg (105lbs) / shipping weight from factory: 61 kg (134.5 lbs)
Standard accessories	Power cord, wireless/XLR wired rugged remote control
Certifications	Compliant with UL60950-1 and EN60950-1, complies with FCC rules θ regulations, part 15 Class A and CE EN55032 Class A, Rohs
Warranty	3 years
*Note	*Brightness levels +/-10%
	** Wifi and GSM options are not available in all countries. Check with your Barco representative for more info.
	***at higher altitude light output might be dimmed
	****From Q1 2021 onwards

Last updated: 04 Mar 2021

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

