XDM-4K25

23,500 lumens, native 4K, 3-chip DLP RGB laser projector



- Pure RGB laser light source
- Brilliant image with native 4K resolution and Rec. 2020 color performance
- Modular design for cost-effective serviceability



The XDM-4K25 boasts 23,500 lumens of brightness, native 4K (4096x2160) resolution and a pure RGB laser light source. Suited to themed entertainment applications that require, and make use of, the higher resolution and color performance, the XDM-4K25 creates those WOW moments that keep visitors coming back for more.

Images that speak

Offering visitors crisper, more realistic images and with greater impact that create memorable moments. XDM-4K25 can create outstanding image quality that immerses audiences in the content for a truly believable experience allowing them to be engaged like never before; making the impossible possible.

Cost-saving design

The XDM-4K25 was designed with the priorities of the owner/operator in mind. They provide consistently high performance over a long period of time with minimal interventions and service required. And if the unthinkable should happen, the XDM-4K25 has easy to replace modules that can be quickly and easily swapped on-site by a trained technician. Even within the RGB Laser light source itself, individual 'laser plates' can be exchanged which means that maintaining the XDM-4K25 is both straight forward and cost effective.

Future-proof

The high-brightness, 4K native resolution and RGB Laser light source make the XDM-4K25 one of the most cutting edge projectors out there. Ready to satisfy the growing demands within the content creation community.

The new XDM-4K25 can be managed through Barco's cloud-based Projector Management platform with remote health condition monitoring which guarantees 24/7 uptime and increases the reliability of the installation



Native brightness23.500 lumens (typical)Native contrast ratio2300 l (typical)Digital MicroMirror Device™3x.0.98° DC4K TRPResolutionnative 4K: 4096 x 2160Color gamutDC1 P3 (98.5% Of Rec.2020, when measured in xy-color coordinates) -RGB light sourcePrime lenses0.381.0.64-0.821.0.8-1161.1.109-140.1; 1.3-18, 18-2.41.2.4-3.91.3.9-6.51.6.6-9.71 TUD-lensesLong-term brightness stability40.000 hrs @ average usage conditionsHousingintegrated cooling design and patented sealed optical assemblyDimensions (WxLXH)Projector incl feet: 710 x 1070 x 547 mm/ 27,95 x 42,15 x 21,54 inchesWeight140% / 308.61bs (weight projector in frame)Power requirementssingle phase or triple phase 200-240V 16AAmbient temperature400CFMAmbient temperature400F/IO4F Max.Ambient temperature5% Max.InputsKill un and @ 25°C ambient temperatureJose Level50.64(A) @ In and @ 25°C ambient temperatureJose LevelColer separation systems and polarization systems on silver screens are supported. Coler separation systems are not supported.Safety requirementsClass 1 risk group 3Power cosumption44.W(3 in inc co standby mode)User interfaceTouch Display and/or web basedArtice faceTouch Display and/or web based	PRODUCT SPECIFICATIONS	XDM-4K25
Digital MicroMirror Device™ 3x 0.98' DC4K TRP Resolution native 4K: 4096 x 2160 Color gamut DC1 P3 (98.5% of Rec.2020; when measured in xy-color coordinates) -RGB light source Prime lenses 0.381; 0.64-0.821; 0.8-1161; 109-1401; 1.3-18; 18-2.41; 2.4-3.91; 3.9-651; 6.5-9.71 TLD+ lenses Long-term brightness stability 40.000 hrs @ average usage conditions Housing integrated cooling design and patented sealed optical assembly Dimensions (WxLxH) Projector incl feet: 710 x 1070 x 547 mm/ 27,95 x 42,15 x 21,54 inches Weight 140kg / 308.61bs (weight projector in frame) Power requirements single phase or triple phase 200-240V 16A Heat load (max. power) 7750 BTU/hr Exhaust airflow 400°C/M Ambient temperature 40°C/104F Max. Ambient temperature 5068 kJ@ (a mand @ 25°C ambient temperature 3D systems Color separation systems are not supported. Sold kJ@ (a mand @ 25°C ambient temperature 3D systems Color separation systems are not supported. Sold kJ@ (a mand @ 25°C ambient temperature 3D systems Color separation systems are not supported. Sold kJ@ (a mand @ 25°C ambient temperature	Native brightness	23,500 lumens (typical)
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Color gamutDCI P3 (98.5% of Rec 2020; when measured in xy-color coordinates) -RGB light sourcePrime lenses0.381; 0.64-0.821; 0.8-1161; 1.09-1.401; 1.3-18; 1.8-2.41; 2.4-3.91; 3.9-6.51; 6.5-9.71 TLD+ lensesLong-term brightness stability40,000 hrs (a average usage conditionsHousingintegrated cooling design and patented sealed optical assemblyDimensions (WXLXH)Projector incl feet: 710 x 1070 x 547 mm/ 27.95 x 42.13 x 21.54 inchesWeight140kg / 308.6lbs (weight projector in frame)Power requirementssingle phase or triple phase 200-240V 16AHeat load (max. power)7750 BTU/hrExhaust airflow400°C/I04F Max.Ambient temperature40°C/I04F Max.Ambient humidity85% Max.InputsHDMI 2.0InputsSodB(A) (a 1m and @ 25°C ambient temperature)3D systemsActive glasses systems and polarization systems on silver screens are supported. Color separation systems are not supported.Safety requirementsClass 1 risk group 3Power consumption2.4KW (3W in Eco standby mode)User interfaceTouch Display and/or web based24/7 operationYes*	Digital MicroMirror Device™	3x 0.98" DC4K TRP
Prime lenses0.58:1; 0.64-0.82:1; 0.8 -116:1; 1.09 -1.40:1; 1.3 -18; 1.8 -2.4:1; 2.4 -3.9:1; 3.9-6.5:1; 6.5-9.7:1 TLD+ lensesLong-term brightness stability40,000 hrs @ average usage conditionsHousingintegrated cooling design and patented sealed optical assemblyDimensions (WxLxH)Projector incl feet: 710 x 1070 x 547 mm/ 27,95 x 42,13 x 21,54 inchesWeight140kg / 308.6lbs (weight projector in frame)Power requirementssingle phase or triple phase 200-240V 16AHeat load (max: power)7750 BTU/hrExhaust airflow400CFMAmbient temperature40°C/104F Max.Ambient humidity85% Max.InputsHDMI 2.0Input Frequenciesmax. 4096 x 2160 @ 60HzNoise Level50dB(A) @ 1m and @ 25°C ambient temperature3D systemsCloar separation systems and polarization systems on silver screens are supported. Color separation systems are not supported.Safety requirementsClass 1 risk group 3Power consumption2.4KW (3W in Eco standby mode)User interfaceTouch Display and/or web based24/7 operationYes*	Resolution	native 4K: 4096 x 2160
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24/7 operation Yes*	Power consumption	2.4kW (3W in Eco standby mode)
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* * For optimal performance, switch off the projector regularly. For details please consult the manual.	24/7 operation	Yes*
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Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.

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