

HDQ-4K35

35,000 lumens, 4K, 3-chip DLP projector



Offering a brightness level of 35,000 center lumens, the HDQ-4K35 projector is capable of showing native 4K content at 60 Hz frame rates. It features a unique integrated design with internal power supply, rental frame and no external chimney fan. What's more, the HDQ-4K35 is fully ready to be combined with Barco's groundbreaking 4K screen management system, which allows native 4K projector blending.

Stunning images

Thanks to its 4K (4,096 x 2,160) resolution, 60 Hz frame rate, Xenon 6.5kW lamp and high-contrast optical engine, the HDQ-4K35 delivers razor-sharp images to boost live events with stunning visuals in vibrant, rich colors. Rental companies that already own a fleet of HDQ-2K40 projectors can reuse their XLD lenses for the HDQ-4K35 projector or opt for dedicated 4K lenses if higher lens shifts are needed to achieve the right image.

A perfect match for E2

Offering native 4K input and output, the Barco E2 image processor is the only screen management system on the market able to manage a 32 projector blend using the HDQ-4K35 with refresh rates up to 60 Hz.

Designed for the road

Perfect for a multitude of rental & staging applications, the HDQ-4K35 boasts a unique integrated design with internal power supply, rental frame and no external chimney fan. Designed with the road in mind, the HDQ-4K35 comes with a rugged metal chassis to withstand the challenging conditions of continuous shipping.

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Product specifications**HDQ-4K35**

Projector type	4K 3-chip DLP digital projector
Technology	1.38" DMD™ x3
Resolution	4,096 x 2,160
Brightness	35,000 center lumens / 33,000 ANSI lumens*
Contrast ratio	2,000:1 (standard)
Brightness uniformity	90%
Aspect ratio	1,896
Lens type	XLD / XLD HD (4K lens)
Lenses	lenses fixed 0.72; 0.9 zoom lenses starts at 1.3: 1 till 7.2 :1(check lens calculator for full details)
Optical lens shift	Vertical: +/-70% / Horizontal: +/-30% depending on the lens type shift can be inferior
Color correction	P7
Lamps	6.5 kW xenon
Lamp lifetime	500 Hrs
Transport with lamp	No
Lamp house, quick replace	Yes
Customer bulb replace	Yes
Lamp warranty (field replace/ factory replace)	90 days, 300 hours / pro rata 300 hours
3D	ready
Inputs	2 x DP 1.1 only (2 x 2,048 by 2,160) HDMI ready; 3GHDSDI ready
Sealed DLP™ core	Standard
Optical dowser	Standard
Orientation	table - side (portrait)
WARP	external optional MCM warp
Integrated web server	yes (projector control board)
Optional Inputs	NA
Input resolutions	Up to 4K 60p
Software tools	DC Communicator
Network connection	10/100 base-T, RJ-45 connection
Power requirements	200-240V /380-400V@50-60Hz
Max. power consumption	8,000W
Noise level (typical at 25°C/77°F)	61 dB(A)
Operational ambient temperature	0-35°C / 32°-104°F
Operational humidity	0-80% (non condens)
Dissipation BTU	Max. 27,331 BTU/h
Dimensions (WxLxH)	1,025 x 1,320 x 900mm / 40.35 x 51.96 x 35.43 inches
Weight	210kg (462.97lbs)
Shipping Dimensions	(LxWxH) 1,522 x 1,242 x 1,215 mm / 59.92 x 48.90 x 47.83 inches
Shipping Weight from Factory	270kg (595.25lbs)
Standard accessories	Power cord; adjustable frame/ clamps
Certifications	Compliant with UL60950-1 and EN60950-1complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
Warranty	3 years standard, extendable up to 5 years
*	+/- 10%

Last updated: 31 Mar 2017
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

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