

HDQ-4K35

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



- Supports native 4K content at 60Hz frame rate
- Rugged and fully integrated design
- Internal power supply, rental frame, no external chimney fan

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.

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; 3GHDSI 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 |

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| Certifications | Compliant with UL60950-1 and EN60950-1 complies 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: 21 Jan 2018

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