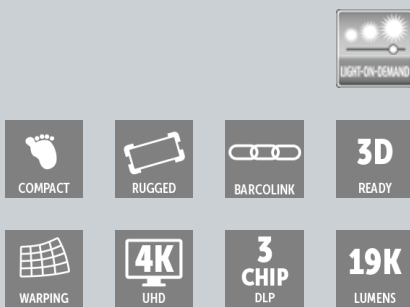


# HDX-4K20 FLEX

19,000 lumens, 4K UHD, 3-chip DLP projector with flexible brightness and resolution



- **4K UHD resolution for smooth, sharp images with fine detail**
- **Choose the right brightness and resolution for your event**
- **Advanced warping and blending with zero additional latency**

The HDX-4K20 FLEX offers 4K UHD resolution for superb image quality. This projector shares its lens range, ease of use, and modularity with the other HDX models. Thanks to its modular design of only five building blocks the HDX-4K20 FLEX is easy to service. Equipped with rental frames, the projector can easily be stacked or rigged. The HDX-4K20 FLEX shares its TLD lens suite with the other RLM, HDX, HDF, and FLM projectors. What's more, the TLD+ 0.8-1.16:1 lens offers extreme 120% vertical lens shift capability.

### Excellent image quality

Equipped with 3-chip DLP® technology, a single high-brightness Xenon lamp, and a high-contrast optical engine, the HDX-4K20 FLEX excels in brightness, color accuracy, and stability. Thanks to its 4K UHD resolution this projector delivers smooth, sharp images with fine detail.

### Flexible brightness and resolution

The HDX-4K20 FLEX comes with Barco's unique flexible brightness feature, which allows you to tune and lock the brightness level for a specific application – from 10,000 to 19,000 lumens in incremental steps. It also includes flexible resolution, allowing you to choose and lock in WUXGA, WQXGA or 4K UHD resolution.

### Scaling and input flexibility

Featuring a single-step processing electronics unit, the projector provides powerful scaling, handles all of the latest resolutions and offers advanced image warping and edge blending with zero additional latency. The HDX-4K20 FLEX supports HDMI 2.0, DisplayPort 1.2, HDBaseT and quad 6G HDSI inputs.

**TECHNISCHE SPECIFICATIES****HDX-4K20 FLEX**

|  |   |
|--|---|
| Type projector                                     | 4K UHD 3-Chip DLP digital projector   |
| Technologie  | 0.90" DMD x 3 with sealed DMD core  |
| Resolutie  | 3,840 x 2,400 (4K UHD) / 2,560 x 1,600 (WQXGA native) / 16:10 aspect ratio  |
| Lichtuitvoer                                       | 19,000 (WQXGA) / 17,500 (4K UHD mode) center lumens   |
| Contrastverhouding                                 | 1,900:1 (standard) -2,200:1 (high contrast mode)  |
| Helderheidsuniformiteit                            | 90%   |
| ScenergiX  | horizontal and vertical edge blending   |
| Lensbereik   | TLD+ 0.37, 0.65-0.85, 0.8-1.16; 1.16-1.5:1; 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                          |
| Optische lensverschuiving                          | Vertical: -30% to +120%/Horizontal: -40% to +40% on zoom lenses (memorized)   |
| Kleurcorrectie                                     | P7  |
| Lampen   | 2.5 kW Xenon / lamp lifetime: 1,000 hours typical   |
| Transport met lamp                                 | Yes   |
| Lampbehuizing, snelle vervanging                   | Yes   |
| Lampvervanging door klant                          | Yes   |
| Lampgarantie (vervanging op locatie/in de fabriek) | 90 days, 500 hours/pro rata 750 hours   |
| Optische dowser                                    | Standard  |
| Picture-in-Picture                                 | Two sources simultaneously*   |
| Oriëntatie   | table -ceiling -side (portrait) (lamp door down/bottom) -vertical   |
| DMX 512  | Standard  |
| WARP   | direct adjust OSD + toolset   |
| Beeldverwerking                                    | Embedded warp & blend engine  |
| Trapeziumcorrectie                                 | Yes   |
| Geïntegreerde webserver                            | Yes   |
| CLU (constante lichtuitvoer)                       | standard  |
| 3D   | active eyewear (optional), passive Infitec (optional), passive circular (optional), 2 flash up to 200Hz*                    |
| Ingangen   | Single HDBaseT, HDMI 2.0, DP 1.2, Quad SDI/HDSDI/dual HDSDI/Quad 3G HDSDI/BarcoLink   |
| Optionele ingangen                                 | Quad DP1.2  |
| Invoerresoluties                                   | From VGA up to 4K (4,096 x 2,160)   |
| Pixelklok  | 600Mhz  |
| Softwaretools                                      | Projection Toolset + Android app* + iOS app*  |
| Controle   | 10/100 Base-T, RJ-45 conn, Wifi (opt), GSM (opt), XLR wired + IR , RS232, DMX 512*  |
| Wisselstroom                                       | 110-130V/200-240V, 50-60 Hz   |
| Energieverbruik                                    | 3,000 W / STBY  |
| Geluidsniveau (standaard bij 25°C/77°F)            | 53 dB (A)   |
| Bedrijfstemperatuur                                | 0 ~ 40°C / 32 ~ 104°F   |
| operationele vochtigheid geen condens              | 0% -80%   |
| Dissipatie BTU                                     | Max. 5800 BTU/h @ (110-130V) / Max 9725 BTU/h   |
| Afmetingen (B x L x H)                             | 475 x 725 x 382 mm (18.70" x 28.54" x 14.96")   |
| Gewicht  | 50kg (110lbs)   |
| Verzendingsafmetingen                              | (WxLxH) 650 x 900 x 560 mm (25.59" x 35.43" x 22.04")   |
| Standaardaccessoires                               | Power cord; wireless/XLR wired rugged remote control  |
| Certificeringen                                    | Compliant with UL60950-1 and EN60950-1, complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS |
| Garantie   | 3 years standard  |
| *  | SW upgradable. Please contact an authorized Barco representative for details.   |

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Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.