

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.

Product specificaties

HDX-4K20 FLEX

General specifications

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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