

Barco R9012100B1 HDX-4K20 FLEX 19000 lumens 4K UHD 3-chip DLP projector

Projector type	4K UHD 3-Chip DLP digital projector
Technology	0.90" DMD x 3 with sealed DMD core
Resolution	3,840 x 2,400 (4K UHD) / 2,560 x 1,600 (WQXGA native) / 16:10 aspect ratio
Light output	19,000 (WQXGA) / 17,500 (4K UHD mode) center lumens
Contrast ratio	1,900:1 (standard) - 2,200:1 (high contrast mode)
Brightness uniformity	90%
ScenergiX	horizontal and vertical edge blending
Lens range	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
Optical lens shift	Vertical: -30% to +120%/Horizontal: -40% to +40% on zoom lenses (memorized)
Color correction	P7
Lamps	2.5 kW Xenon / lamp lifetime: 1,000 hours typical
Transport with lamp	Yes
Lamp house, quick replace	Yes
Customer bulb replace	Yes
Lamp warranty (field replace/factory replace)	90 days, 500 hours/pro rata 750 hours
Optical dowser	Standard
Picture-in-picture	Two sources simultaneously*
Orientation	table - ceiling - side (portrait) (lamp door down/bottom) - vertical
DMX 512	Standard*
WARP	direct adjust OSD + toolset
Image processing	Embedded warp & blend engine
Keystone correction	Yes
Integrated web server	Yes
CLO (constant light output)	standard*
3D	active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200Hz*
Inputs	Single HDBaseT, HDMI 2.0, DP 1.2, Quad SDI/HDSDI/dual HDSDI/Quad 3G HDSDI/BarcoLink
Optional Inputs	Quad DP1.2
Input resolutions	From VGA up to 4K (4,096 x 2,160)
Pixel clock	600Mhz
Software tools	Projection Toolset + Android app* + iOS app*
Control	10/100 Base-T, RJ-45 conn, Wifi (opt), GSM (optional), XLR wired + IR , RS232, DMX 512*
AC power	110-130V/200-240V, 50-60 Hz
Power consumption	3,000 W / STBY<8W
Noise level (typical at 25°C/77°F)	53 dB (A)
Operating temperature	0 ~ 40°C / 32 ~ 104°F
operation humidity no condens	0% - 80%
Dissipation BTU	Max. 5800 BTU/h @ (110-130V) / Max 9725 BTU/h
Dimensions (WxLxH)	475 x 725 x 382 mm (18.70" x 28.54" x 14.96")
Weight	50kg (110lbs)
Shipping Dimensions	(WxLxH) 650 x 900 x 560 mm (25.59" x 35.43" x 22.04")
Standard accessories	Power cord; wireless/XLR wired rugged remote control
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
*	SW upgradable. Please contact an authorized Barco representative for details.