

**Barco R9012100 HDX-4K20 FLEX 19000 lumens 4K UHD 3-chip DLP projector**

<b>Projector type</b>	4K UHD 3-Chip DLP digital projector
<b>Technology</b>	0.90" DMD x 3 with sealed DMD core
<b>Resolution</b>	3,840 x 2,400 (4K UHD) / 2,560 x 1,600 (WQXGA native) / 16:10 aspect ratio
<b>Light output</b>	19,000 (WQXGA) / 17,500 (4K UHD mode) center lumens
<b>Contrast ratio</b>	1,900:1 (standard) - 2,200:1 (high contrast mode)
<b>Brightness uniformity</b>	90%
<b>ScenergiX</b>	horizontal and vertical edge blending
<b>Lens range</b>	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
<b>Optical lens shift</b>	Vertical: -30% to +120%/Horizontal: -40% to +40% on zoom lenses (memorized)
<b>Color correction</b>	P7
<b>Lamps</b>	2.5 kW Xenon / lamp lifetime: 1,000 hours typical
<b>Transport with lamp</b>	Yes
<b>Lamp house, quick replace</b>	Yes
<b>Customer bulb replace</b>	Yes
<b>Lamp warranty (field replace/factory replace)</b>	90 days, 500 hours/pro rata 750 hours
<b>Optical dowser</b>	Standard
<b>Picture-in-picture</b>	Two sources simultaneously*
<b>Orientation</b>	table - ceiling - side (portrait) (lamp door down/bottom) - vertical
<b>DMX 512</b>	Standard*
<b>WARP</b>	direct adjust OSD + toolset
<b>Image processing</b>	Embedded warp & blend engine
<b>Keystone correction</b>	Yes
<b>Integrated web server</b>	Yes
<b>CLO (constant light output)</b>	standard*
<b>3D</b>	active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200Hz*
<b>Inputs</b>	Single HDBaseT, HDMI 2.0, DP 1.2, Quad SDI/HDSDI/dual HDSDI/Quad 3G HDSDI/BarcoLink
<b>Optional Inputs</b>	Quad DP1.2
<b>Input resolutions</b>	From VGA up to 4K (4,096 x 2,160)
<b>Pixel clock</b>	600Mhz
<b>Software tools</b>	Projection Toolset + Android app* + iOS app*
<b>Control</b>	10/100 Base-T, RJ-45 conn, Wifi ( opt), GSM (optional), XLR wired + IR , RS232, DMX 512*
<b>AC power</b>	110-130V/200-240V, 50-60 Hz
<b>Power consumption</b>	3,000 W / STBY<8W
<b>Noise level (typical at 25°C/77°F)</b>	53 dB (A)
<b>Operating temperature</b>	0 ~ 40°C / 32 ~ 104°F
<b>operation humidity no condens</b>	0% - 80%
<b>Dissipation BTU</b>	Max. 5800 BTU/h @ (110-130V) / Max 9725 BTU/h
<b>Dimensions (WxLxH)</b>	475 x 725 x 382 mm (18.70" x 28.54" x 14.96")
<b>Weight</b>	50kg (110lbs)
<b>Shipping Dimensions</b>	(WxLxH) 650 x 900 x 560 mm (25.59" x 35.43" x 22.04")
<b>Standard accessories</b>	Power cord; wireless/XLR wired rugged remote control
<b>Certifications</b>	Compliant with UL60950-1 and EN60950-1, complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
<b>Warranty</b>	3 years standard
<b>*</b>	SW upgradable. Please contact an authorized Barco representative for details.