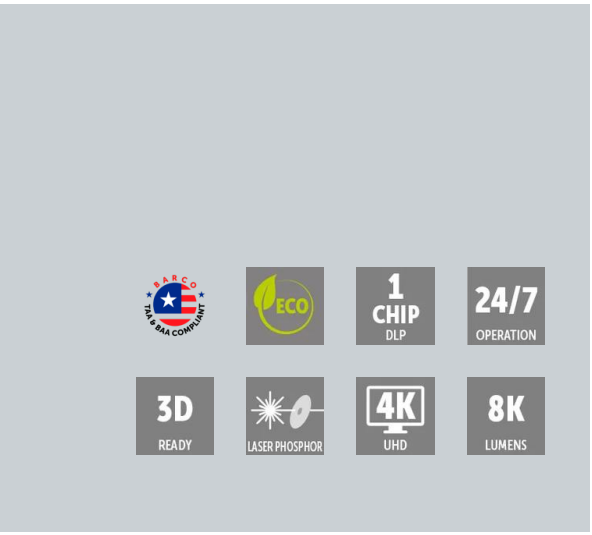
I600-4K8

8,000 ISO lumen, 4K UHD, single-chip laser phosphor projector





- **Most compact & lightweight design in its category**
- **Premium 4K UHD image quality thanks to SuperShift®**
- **DynaBlack® contrast enhancement**
- **Smooth integration in single- and multi-channel set-ups**
- **Next-gen Barco Pulse electronics**

The I600-4K8 is a light-weight high-resolution projector with 4K UHD image quality and 8,000 lm brightness. With its focus on long-lasting image quality, multichannel compatibility and its compact size, this single-chip projection platform is your perfect pick, fit for a wide range of applications requiring high-quality content.

Running on the next generation Barco Pulse electronics and our unique Barco SuperShift® technology, the I600 makes for smoother images and sharper pixels at the lowest latency. The laser phosphor light source ensures exceptional color fidelity and image uniformity. Thanks to an internally developed smart algorithm, DynaBlack® enhances the I600 projector contrast ratio up to 20.000:1! With superlative black levels the quality of your content enhances incredibly and the contrast in dark images really stands out.

Having an optional input slot, a black or white chassis, a full range of peripherals, and a large fleet of swappable ILD lenses with variable ratios from 0.37 UST to 7.4:1 long-throw at hand, the I600 platform is tailored to match all your single and multi-channel installation needs.

What's more, the single-chip projector is fully integrated in Barco's Pulse ecosystem which includes various software tools such as Pulse Prospector, Pulse Mobile App, and Pulse toolset to enable easier projector control on-site and in the cloud. In addition, I600 owners can benefit from the Barco swap-based service model and global support.

Product specifications — I600-4K8

General Specifications

Projector type	4K UHD 1-chip DLP digital projector
Technology	0.8" HEP DMD™
IR for NVG	No
Resolution	3840 x 2400 (4K UHD) 1920 x 1200 (native)
Brightness	8000 ISO lumen
Brightness uniformity	>90%
Contrast ratio	Full field 1.600:1 Barco DynaBlack® 20.000:1
Light source	Blue laser phosphor with inorganic phosphor wheel
Light source lifetime	20.000hrs (long life mode 30.000hrs)
Aspect ratio	16:10 Native
Color space	REC 709
Orientation	360° rotation no restrictions
Sealed DLP™ core	Yes
24/7 operation	Yes
Processing	Pulse electronics
Color correction	P7 RealColor™
CLO (constant light output)	Yes
Keystone correction	Yes
Image processing	Embedded warp & blend
3D	Active stereoscopic 3D / Passive stereo compatible
Picture-by-picture	Two sources simultaneously *
Lens type	ILD
Optical lens shift	Vertical up to 110% depending on lens Horizontal up to 30% depending on lens
Throw Ratio	From 0.37 to 7.4
Lens range	ILD lenses -0.37:1 / 0.5:1 / 0.65-0.8:1 / 0.8-1.0:1 / 1.0-1.4:1 / 1.4-2.1:1 / 2.1-4.0:1 / 4.0-7.4:1
Prime lenses	N/A
Inputs	HDMI™2.1 (HDCP2.2) / DP1.4 / RJ45 Ethernet / USB(5v) / 12V out / BNC 3D sync in-out
Optional Inputs	Quad DP1.2 Fiber SFP HDBaseT(Lite)/ HDMI™/ Quad-3G/ 12G/ DMX/ remote CTRL HDBaseT
Input resolutions	Including and up to: WUXGA: 1920x1200@240Hz 4K UHD: 3840x2400@120Hz
Input color depth	up to 36 bpp
Software tools	Projector Toolset + Android app + iOS app
Control	IR RJ45
Network connection	10/100/1000 Mbit, Wifi** (through optional dongle)
User interface	LCD touch local keypath remote control wired remote control
Web browser	Yes
Power requirements	100-240V 14A 50/60Hz
Power consumption	640W Typical
Standby power	< 0.5W
Dissipation BTU	2150 BTU/h
Noise level (typical at 25°C/77°F)	40dB(A)
Operating temperature	5°-40°C / 41°-104°F (sea level)
Operating humidity	10% -80% RH (non-condensed)
Storage temperature	-20 to 60 °C
Storage humidity	10 -90% RH (non-condensed)
Dimensions (WxLxH)	522 x 494 x 198 mm / 20.5 x 19.4 x 7.8 in
Weight	without lens: 21.5 kg / 47.4 lbs
Standard accessories	Power cord, wireless remote control
Housing	Plastic cover
Certifications	Compliant with UL: UL 62368-1, EN IEC 62368-1, and GB 4943.1; Complies with FCC rules & regulations: Part 15 Class A and CE EN55022 Class A, GB/T 9254.1 A and GB 17625.1; RoHS;
Warranty	Limited 3 years on parts and labor Extendable up to 5 years Service: single swap of projector
Blend	horizontal and vertical edge blending
DMX 512	Optional
TAA compliancy	Optional
*Note	* Supported when using of the optional 4x1.2 DP input board ** Wifi and GSM options are not available in all countries. Check with your Barco representative for more info.

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