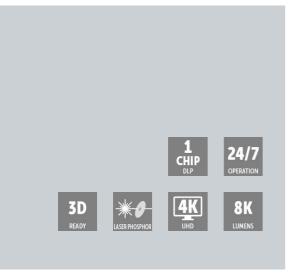
1600-4K8

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, Pulse toolset and Insights Management Suite 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

The specifications in this document are preliminary 4K UHD 1-chip DLP digital projector 0.8° DMDI ^M No
4K UHD 1-chip DLP digital projector 0.8° DMD™
0.8° DMD™
3840 x 2400 (4K UHD)
1920 x 1200 (native)
1920 A 1200 (Hattve) 8000 ISO (Limen
>90%
Full field 1500:1
Barco DynaBlack® 10,000:1
Blue laser phosphor with inorganic phosphor wheel
20.000hrs
16:10 Native
REC 709
360° rotation no restrictions
Yes
Yes
Pulse electronics
P7 RealColor™
Yes
Yes
Embedded warp & blend
Active stereoscopic 3D / Passive stereo compatible
Two sources simultaneously *
ILD
Vertical up to 110% depending on lens
Horizontal up to 30% depending on lens
From 0.37 to 7.4
ILD lenses -0.37:17 0.5:17 0.65-0.8:17 0.8-1.0:17 1.0-1.4:17 1.4-2.1:17 2.1-4.0:17 4.0-7.4:1
N/A
HDMI ^M 2.1 (HDCP2.2) / DP1.4 / RJ45 Ethernet / USB(5v) / 12V out / BNC 3D sync in-out Quad DP1.2
Fiber SFP HDBaseT V3, HDCP 2.2 compatible Input Module DP1.2 HDMI™2.0 DUAL HDBaseT Quad 12G (+loop) Including and up to:
WUXGA: 1920x1200@240Hz 4K UHD: 3840x2400@120Hz
up to 36 bpp
Projector Toolset + Android app + iOS app + IMS
IR RJ45
10/100/1000 Mbit, Wifi (through optional dongle)
LCD touch local keypath remote control wired remote control
Yes
100-240V / 15A-6A / 50-60Hz
640W Typical
< 0.5W
2150 BTU/h
40dB(A)
5°-40°C / 41°-104°F (sea level)
10% -80% RH (non-condensed)
-20 to 60 °C
-20 to 80 °C 10 -90% RH (non-condensed)
without feet: 504x524x207mm / 19.8 x 20.6 x 8.1in
without lens: 21.5 kg / 47.4 lbs
Power cord, wireless remote control
Plastic cover
Compliant with U1: 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 All and GB 17625.1; RoHS:
Limited 3 years on parts and labor
Extendable up to 5 years
Service: single swap
horizontal and vertical edge blending
Supported when using of the optional 4x1.2 DP input board

1600-4K8

Last updated: 10 Sep 2024

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