I600-4K10

10,000 ISO lumen, 4K UHD, single-chip laser phosphor projector

10K LUMENS

24/7 OPERATION

3D READY

1 CHIP DLP

LASER PHOSPHOR
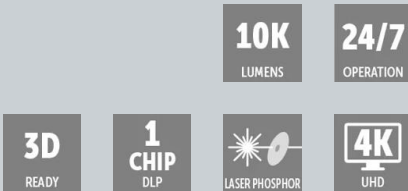
4K UHD

- **Most compact & lightweight design in its category**

- **Premium 4K UHD image quality thanks to SuperShift®**

- **Smooth integration in single- and multi-channel set-ups**

- **Next-gen Barco Pulse electronics**

The I600-4K10 is a light-weight high-resolution projector with 4K UHD image quality and 10,000 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.

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.

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Product specifications	I600-4K10
General specifications	
Notes	The specifications in this document are preliminary
Projector type	4K UHD 1-chip DLP digital projector
Technology	0.8" DMD™
IR for NVG	No
Resolution	3840 x 2400 (4K UHD) 1920 x 1200 (native)
Brightness	10000 ISO lumen
Brightness uniformity	>90%
Contrast ratio	1.200:1
Light source	Blue laser phosphor with inorganic phosphor wheel
Light source lifetime	20.000hrs
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 Max 4K @120Hz or WUXGA at 240Hz 1xHDMI/1xDP frame sequencial or through the optional 4xDP1.2 input board
Picture-by-picture	Two sources simultaneously *
Lens type	ILD
Optical lens shift	Vertical up to 110% depending on lens Horizontal up to 50% 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	HDMI2.1 (HDCP2.2) / DP1.4 / RJ45 Ethernet / USB(5v) / 12V out / BNC 3D sync in-out
Optional Inputs	Quad DP1.2 Fiber SFP HDBaseT V3 Input Module DP1.2 HDMI2.0 DUAL HDBaseT Quad 12G (+loop)
Input resolutions	Including and up to: 1920x1200@240Hz 3840x2400@120Hz
Input color depth	up to 36 bpp
Software tools	Projector Toolset + Android app + iOS app + IMS
Control	IR RJ45
Network connection	10/100 base-T RJ-45 connection, Wifi (through optional dongle)

Product specifications	I600-4K10
User interface	LCD touch local keypath remote control wired remote control
Web browser	Yes
Power requirements	100-240V / 50-60Hz
Power consumption	860W Typical
Standby power	< 0.5W
Noise level (typical at 25°C/77°F)	40dB(A)
Operating temperature	0°-40°C / 32°-104°F (sea level)
Operating humidity	0% -80% RH (non-condensed)
Storage temperature	-20 to 60 °C
Storage humidity	10 -90% RH (non-condensed)
Dimensions (WxLxH)	without feet: 504x524x207mm / 19.8 x 20.6 x 8.1in
Weight	without lens: < 25 kg /55.1 lbs
Standard accessories	Power cord, wireless remote control
Housing	Plastic cover
Certifications	Compliant with UL60950-1 and EN60950-1 Complies with FCC rules & regulations Part 15 Class A and CE EN55022 Class A RoHS
Warranty	Limited 3 years on parts and labor Extendable up to 5 years Service: single swap
Blend	horizontal and vertical edge blending
*	Supported when using of the optional 4x1.4 DP input board

Last updated: 26 Mar 2024

ENABLING BRIGHT OUTCOMES

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