

# 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<sup>®</sup>**
- **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<sup>®</sup> 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.

## Product specificaties

## I600-4K8

### General specifications

Opmerkingen	The specifications in this document are preliminary
Type projector	4K UHD 1-chip DLP digital projector
Technologie	0.8" DMD™
Infrarood voor nachtkijkers	No
Resolutie	3840 x 2400 (4K UHD) 1920 x 1200 (native)
Helderheid	8000 ISO lumen
Helderheidsuniformiteit	>90%
Contrastverhouding	1:200:1
Lichtbron	Blue laser phosphor with inorganic phosphor wheel
Levensduur lichtbron	20.000hrs
Beeldverhouding	16:10 Native
Kleurruimte	REC 709
Oriëntatie	360° rotation no restrictions
Verzegelde DLP™-kern	Yes
24/7 operation	Yes
Verwerking	Pulse electronics
Kleurcorrectie	P7 RealColor™
CLU (constante lichtuitvoer)	Yes
Trapeziumcorrectie	Yes
Beeldverwerking	Embedded warp & blend
3D	Active stereoscopic 3D / Passive stereo compatible Max 4K @120Hz or WUXGA at 240Hz 1xHDMI™/1xDP frame sequential or through the optional 4xDP1.2 input board
Foto-na-foto	Two sources simultaneously *
Type lens	ILD
Optische lensverschuiving	Vertical up to 110% depending on lens Horizontal up to 30% depending on lens
Projectieverhouding	From 0.37 to 7.4
Lensbereik	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
Primelenzen	N/A
Ingangen	HDMI™2.1 (HDCP2.2) / DP1.4 / RJ45 Ethernet / USB(5v) / 12V out / BNC 3D sync in-out
Optionele ingangen	Quad DP1.2 Fiber SFP HDBaseT v3 Input Module DP1.2 HDMI™2.0 DUAL HDBaseT Quad 12G (+loop)
Invoeresoluties	Including and up to: 1920x1200@240Hz 3840x2400@120Hz
Kleurdiepte invoeren	up to 36 bpp
Softwaretools	Projector Toolset + Android app + iOS app + IMS
Controle	IR RJ45
Netwerkverbinding	10/100/1000 Mbit Wifi (through optional dongle)
Gebruikersinterface	LCD touch local keypad remote control wired remote control
Webbrowser	Yes
Voedingsvereisten	100-240V / 50-60Hz
Energieverbruik	640W Typical
Stroom in stand-by	< 0.5W
Geluidsniveau (standaard bij 25°C/77°F)	40dB(A)
Bedrijfstemperatuur	0°-40°C / 32°-104°F (sea level)
Vochtigheid in bedrijf	0% -80% RH (non-condensed)
Opslagtemperatuur	-20 to 60 °C
Vochtigheid bij opslag	10 -90% RH (non-condensed)
Afmetingen (B x L x H)	without feet: 504x524x207mm / 19.8 x 20.6 x 8.1in
Gewicht	without lens: < 25 kg /55.1 lbs
Standaardaccessoires	Power cord, wireless remote control
Behuizing	Plastic cover
Certificeringen	Compliant with UL60950-1 and EN60950-1 Complies with FCC rules & regulations Part 15 Class A and CE EN55022 Class A RoHS
Garantie	Limited 3 years on parts and labor Extendable up to 5 years Service: single swap
Overvloeien	horizontal and vertical edge blending
*	Supported when using of the optional 4x1.4 DP input board

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