

# I65-4K16

15,000 lumen, 4K UHD, single-chip laser phosphor projector



- **Affordable 4K UHD projection**
- **Compact design weighing less than 22.6 kgs / 49.9 lbs**
- **Compatible with complete ILD lens range**
- **SDM support and future-ready integration options**
- **Trusted and simplified Pulse Lite electronics**

The I65 is a compact and cost-efficient single-chip projection platform designed to deliver quality visuals in environments where space, budget, and flexibility matter most.

As part of Barco's I series family, the I65 lowers the barrier to entry for professional-grade projection while maintaining the reliability, image quality, and smart platform capabilities customers expect.

Its lightweight and compact design simplifies transport, installation, and integration – especially in environments where space is limited or mounting options are complex. It allows you to design impactful experiences without overcomplicating your setup.

The projector supports an SDM (Smart Display Module) slot, offering added flexibility for input and processing options. It also paves the way for compatibility with emerging AV-over-IP standards such as IPMX, supporting the transition to fully networked workflows. This makes the I65 a future-ready choice for installations that require scalability and adaptability.

With a range of compatible lenses and peripheral options, the projector can be tailored to suit various projection requirements and installations. From museums and houses of worship to corporate environments and themed installations, the projector provides the visual impact needed to engage audiences, while remaining easy to integrate and manage.



Like all I series projectors, the I65 is part of the broader Barco ecosystem, enabling streamlined control, monitoring, and serviceability. It integrates with Barco's software tools to support efficient installation, operation, and remote management. In addition, users benefit from Barco's global service network and swap-based support model, ensuring peace of mind throughout the product lifecycle.

## Technische Daten

## I65-4K16

### Allgemeine Daten

Notizen	The specifications in this document are preliminary
Projektortyp	4K UHD 1-chip DLP digital projector
Technologie	0.8" DMD™
IR für NVG	No
Auflösung	3840 x 2400 (4K UHD) 1920 x 1200 (native)
Helligkeit	15000 ISO lumens
Gleichmäßigkeit der Helligkeit	>90%
Kontrastverhältnis	Full field 1.600:1 Barco DynaBlack® 25.000:1
Lichtquelle	Blue laser phosphor with inorganic phosphor wheel
Lebensdauer der Lichtquelle	20.000hrs (long life mode 30.000hrs)
Bildformat	16:10 Native
Farbraum	REC 709
Orientierung	360° rotation no restrictions
Versiegelter DLP™-Kern	Yes
Verarbeitung	Pulse Lite electronics
Farbkorrektur	Yes
CLO (konstante Lichtleistung)	Yes
Trapezkorrektur	Yes
Bildverarbeitung	Embedded warp & blend
Bild für Bild	No
Objektivtyp	ILD
Optische Objektivverschiebung	Vertical up to 110% depending on lens Horizontal up to 30% depending on lens
Projektionsverhältnis	From 0.35 to 7.4
Verfügbare Objektive	ILD lenses -0.35:1 / 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
Hauptobjektive	N/A
Eingänge	HDMI™2.0(HDCP2.2)/ DP1.4 (HDCP 2.2) RJ45 Ethernet / RS232 / USB(5v) / BNC 3D sync in-out
Optionale Eingänge	Intel® SDM-S & SDM-L Compatible
Eingangsaufösungen	Including and up to: 1920x1200@120Hz 3840x2400@60Hz
Steuerung	IR RJ45
Netzwerkverbindung	10/100 base-T RJ-45 connection
Benutzeroberfläche	Local keypad remote control
Webbrowser	Yes
Leistungsbedarf	100-240V / 15A-6A / 50-60Hz
Leistungsaufnahme	800W
Leistungsaufnahme im Standby	< 0.5W
Geräuschpegel (typisch bei 25 °C/77 °F)	40dB(A)
Circuit board protection	Yes
Betriebstemperatur	0°-40°C / 32°-104°F (sea level)
Luftfeuchtigkeit im Betrieb	10% -80% RH (non-condensed)
Lagertemperatur	-20 to 60 °C
Luftfeuchtigkeit bei Lagerung	10 -90% RH (non-condensed)
Abmessungen (H x B x T)	522 x 494 x 198 mm 20.5 x 19.4 x 7.8 in
Gewicht	22,64 kg / 49.9 lbs
Versandmaße	738x600x339 mm 29x24x13 in
Versandgewicht	26,4 kg / 58.2 lbs
Standardzubehör	Power cord, wireless remote control
Gehäuse	Plastic cover
Zertifizierungen	CB CE UKCA CEBC SGS ICES FCC CCC CEL KC (Korea) RCM (Australia) EAC PSE (Japan) BSMI (Taiwan) BIS (India) CMIM
Garantie	Limited 3 years on parts and labor Extendable up to 5 years Service: single swap of projector
Sicherheitsklasse	RG2 with standard lens
DMX 512	Available through optional input card

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