

# 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.

## Specifiche tecniche

## I65-4K16

### Specifiche generali

Note	The specifications in this document are preliminary
Tipo proiettore	4K UHD 1-chip DLP digital projector
Tecnologia	0.8" DMD™
IR per NVG	No
Risoluzione	3840 x 2400 (4K UHD) 1920 x 1200 (native)
Luminosità	15000 ISO lumens
Uniformità della luminosità	>90%
Rapporto di contrasto	Full field 1.600:1 Barco DynaBlack® 25.000:1
Fonte di luce	Blue laser phosphor with inorganic phosphor wheel
Durata della sorgente luminosa	20.000hrs (long life mode 30.000hrs)
Rapporto di aspetto	16:10 Native
Spazio colore	REC 709
Orientamento	360° rotation no restrictions
Nucleo DLP™ sigillato	Yes
Elaborazione	Pulse Lite electronics
Correzione del colore	Yes
CLO (emissione luminosa costante)	Yes
Correzione trapezoidale	Yes
Elaborazione delle immagini	Embedded warp & blend
Picture-in-Picture	No
Tipo di lente	ILD
Spostamento ottico dell'obiettivo	Vertical up to 110% depending on lens Horizontal up to 30% depending on lens
Rapporto focale	From 0.35 to 7.4
Gamma delle lenti	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
Obiettivi a focale fissa	N/A
Ingressi	HDMI™2.0(HDCP2.2)/ DP1.4 (HDCP 2.2) RJ45 Ethernet / RS232 / USB(5v) / BNC 3D sync in-out
Input opzionali	Intel® SDM-S & SDM-L Compatible
Risoluzioni in entrata	Including and up to: 1920x1200@120Hz 3840x2400@60Hz
Controllo	IR RJ45
Connessione di rete	10/100 base-T RJ-45 connection
Interfaccia utente	Local keypad remote control
Browser web	Yes
Requisiti di potenza	100-240V / 15A-6A / 50-60Hz
Consumo energetico	1200W
Potenza di standby	< 0.5W
Livello di rumore (tipico a 25°C/77°F)	40dB(A)
Circuit board protection	Yes
Temperatura di esercizio	0°-40°C / 32°-104°F (sea level)
Umidità di esercizio	10% -80% RH (non-condensed)
Temperatura di stoccaggio	-20 to 60 °C
Umidità di stoccaggio	10 -90% RH (non-condensed)
Dimensioni (P x L x A)	522 x 494 x 198 mm 20.5 x 19.4 x 7.8 in
Peso	22,64 kg / 49.9 lbs
Dimensioni di spedizione	738x600x339 mm 29x24x13 in
Peso con imballo	26,4 kg / 58.2 lbs
Accessori standard	Power cord, wireless remote control
Alloggiamento	Plastic cover
Certificazioni	CB CE UKCA CEBC SG5 ICES FCC CCC CEL KC (Korea) RCM (Australia) EAC PSE (Japan) BSMI (Taiwan) BIS (India) CMIM
Garanzia	Limited 3 years on parts and labor Extendable up to 5 years Service: single swap of projector
Classe di sicurezza	RG2 with standard lens
DMX 512	Available through optional input card

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