

# 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.

## Especificações técnicas

## I65-4K16

### Especificações gerais

Notas	The specifications in this document are preliminary
Tipo de projetor	4K UHD 1-chip DLP digital projector
Tecnologia	0.8" DMD™
Infravermelho para NVG	No
Resolução	3840 x 2400 (4K UHD) 1920 x 1200 (native)
Brilho	15000 ISO lumens
Uniformidade de brilho	>90%
Taxa de contraste	Full field 1.600:1 Barco DynaBlack® 25.000:1
Fonte de luz	Blue laser phosphor with inorganic phosphor wheel
Vida útil da fonte de luz	20.000hrs (long life mode 30.000hrs)
Proporção da imagem	16:10 Native
Espaço de cores	REC 709
Orientação	360° rotation no restrictions
Núcleo DLP™ selado	Yes
Processando	Pulse Lite electronics
Correção de cor	Yes
CLO (saída de luz constante)	Yes
Correção de abóbada	Yes
Processamento de imagem	Embedded warp & blend
Imagem por imagem	No
Tipo de lente	ILD
Deslocamento óptico de lente	Vertical up to 110% depending on lens Horizontal up to 30% depending on lens
Razão de alcance	From 0.35 to 7.4
Alcance das lentes	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
Lentes Prime	N/A
Entradas	HDMI™2.0(HDCP2.2)/ DP1.4 (HDCP 2.2) RJ45 Ethernet / RS232 / USB(5v) / BNC 3D sync in-out
Entradas opcionais	Intel® SDM-S & SDM-L Compatible
Resoluções de entrada	Including and up to: 1920x1200@120Hz 3840x2400@60Hz
Controlar	IR RJ45
Conexão de rede	10/100 base-T RJ-45 connection
Interface do usuário	Local keypad remote control
Navegador da web	Yes
Requisitos de energia	100-240V / 15A-6A / 50-60Hz
Consumo de energia	800W
Alimentação de standby	< 0.5W
Nível de ruído (típico a 25°C/77°F)	40dB(A)
Circuit board protection	Yes
Temperatura de operação	0°-40°C / 32°-104°F (sea level)
Umidade de operação	10% -80% RH (non-condensed)
Temperatura de armazenamento	-20 to 60 °C
Umidade de armazenamento	10 -90% RH (non-condensed)
Dimensões (LxPxA)	522 x 494 x 198 mm 20.5 x 19.4 x 7.8 in
Peso	22,64 kg / 49.9 lbs
Dimensões da remessa	738x600x339 mm 29x24x13 in
Peso de expedição	26,4 kg / 58.2 lbs
Acessórios padrão	Power cord, wireless remote control
Alojamento	Plastic cover
Certificações	CB CE UKCA CEBC SG5 ICES FCC CCC CEL KC (Korea) RCM (Australia) EAC PSE (Japan) BSMI (Taiwan) BIS (India) CMIM
Garantia	Limited 3 years on parts and labor Extendable up to 5 years Service: single swap of projector
Classe de segurança	RG2 with standard lens
DMX 512	Available through optional input card

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