

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.

Spécifications techniques

165-4K16

Spécifications générales

Remarques	The specifications in this document are preliminary
Type de projecteur	4K UHD 1-chip DLP digital projector
Technologie	0.8" DMD™
IR pour NVG	No
Résolution	3840 x 2400 (4K UHD) 1920 x 1200 (native)
Luminosité	15000 ISO lumens
Uniformité de la luminosité	>90%
Rapport de contraste	Full field 1.600:1 Barco DynaBlack® 25.000:1
Source de lumière	Blue laser phosphor with inorganic phosphor wheel
Durée de vie de la source lumineuse	20.000hrs (long life mode 30.000hrs)
Rapport d'aspect	16:10 Native
Espace colorimétrique	REC 709
Orientation	360° rotation no restrictions
Noyau DLP™ scellé	Yes
Traitement	Pulse Lite electronics
Correction des couleurs	Yes
CLO (flux lumineux constant)	Yes
Correction trapézoïdale	Yes
Traitement des images	Embedded warp & blend
Picture-by-picture	No
Type de lentille	ILD
Décalage optique de la lentille	Vertical up to 110% depending on lens Horizontal up to 30% depending on lens
Rapport de projection	From 0.35 to 7.4
Gamme d'objectifs	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
Objectifs à focale fixe	N/A
Entrées	HDMI™2.0(HDCP2.2)/ DP1.4 (HDCP 2.2) RJ45 Ethernet / RS232 / USB(5v) / BNC 3D sync in-out
Entrées facultatives	Intel® SDM-S & SDM-L Compatible
Résolutions d'entrée	Including and up to: 1920x1200@120Hz 3840x2400@60Hz
Contrôle	IR RJ45
Connexion réseau	10/100 base-T RJ-45 connection
Interface utilisateur	Local keypad remote control
Navigateur Web	Yes
Alimentation électrique	100-240V / 15A-6A / 50-60Hz
Consommation électrique	800W
Alimentation en veille	< 0.5W
Niveau de bruit (habituel à 25 °C/77 °F)	40dB(A)
Circuit board protection	Yes
Température de fonctionnement	0°-40°C / 32°-104°F (sea level)
Humidité de fonctionnement	10% -80% RH (non-condensed)
Température de stockage	-20 to 60 °C
Humidité de stockage	10 -90% RH (non-condensed)
Dimensions (l x L x h)	522 x 494 x 198 mm 20.5 x 19.4 x 7.8 in
Poids	22,64 kg / 49.9 lbs
Dimensions d'expédition	738x600x339 mm 29x24x13 in
Poids d'expédition	26,4 kg / 58.2 lbs
Accessoires standard	Power cord, wireless remote control
Boîtier	Plastic cover
Certifications	CB CE UKCA CEBC SG5 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
Classe de sécurité	RG2 with standard lens
DMX 512	Available through optional input card

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