# I65-W16

15,000 lumen, WUXGA, single-chip laser phosphor projector






- **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.

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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.

| Product specifications | I65-W16 |
|---|---|
| **General Specifications** | |
| Projector type | WUXGA 1-chip DLP digital projector |
| Technology | 0.8" HEP DMD™ |
| IR for NVG | No |
| Resolution | 1920 x 1200 (WUXGA) |
| Brightness | 15000 ISO lumens |
| Brightness uniformity | >90% |
| Contrast ratio | Full field 1.600:1<br>Barco DynaBlack® 25.000:1 |
| Light source | Blue laser phosphor with inorganic phosphor wheel |
| Light source lifetime | 20.000hrs (long life mode 30.000hrs) |
| Aspect ratio | 16:10 Native |
| Color space | REC 709 |
| Orientation | 360° rotation no restrictions |
| Sealed DLP™ core | Yes |
| Processing | Pulse Lite electronics |
| Color correction | Yes |
| CLO (constant light output) | Yes |
| Keystone correction | Yes |
| Image processing | Embedded warp & blend |
| Picture-by-picture | No |
| Lens type | ILD |
| Optical lens shift | Vertical up to 110% depending on lens<br>Horizontal up to 30% depending on lens |
| Throw Ratio | From 0.35 to 7.4 |
| Lens range | 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 |
| Prime lenses | N/A |
| Inputs | HDMI™2.0 (HDCP 2.2)/ DP1.4 (HDCP 2.2) RJ45 Ethernet / USB(5v) / BNC 3D sync in-out |
| Optional Inputs | Intel® SDM-S & SDM-L Compatible |
| Input resolutions | Including and up to:<br>1920x1200@120Hz<br>3840x2400@60Hz |
| Control | IR RJ45 |
| Network connection | 10/100 base-T RJ-45 connection |
| User interface | Local keypad remote control |
| Web browser | Yes |
| Power requirements | 100-240V / 15A-6A / 50-60Hz |
| Power consumption | 800W |
| Standby power | < 0.5W |
| Noise level (typical at 25°C/77°F) | 40dB(A) |
| Circuit board protection | Yes |
| Operating temperature | 0°-40°C / 32°-104°F (sea level) |
| Operating humidity | 10% -80% RH (non-condensed) |
| Storage temperature | -20 to 60 °C |
| Storage humidity | 10 -90% RH (non-condensed) |
| Dimensions (WxLxH) | 522 x 494 x 198 mm<br>20.5 x 19.4 x 7.8 in |
| Weight | 22,64 kg / 49.9 lbs |
| Shipping Dimensions | 738x600x339 mm<br>29x24x13 in |
| Shipping weight | 26,4 kg / 58.2 lbs |
| Standard accessories | Power cord, wireless remote control |
| Housing | Plastic cover |
| Certifications | CB CE UKCA CEBEC SGS ICES FCC CCC CEL KC (Korea) RCM (Australia) EAC PSE (Japan) BSMI (Taiwan) BIS (India) CMIM |
| Warranty | Limited 3 years on parts and labor<br>Extendable up to 5 years<br>Service: single swap of projector |

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