

# iQ6-W7

ISO 7,000 lumens, WUXGA, 3 X LCD laser phosphor projector



- **Brilliant image**
- **Flexible installation**
- **Barco service & support**

The iQ6 series expands Barco's projector product portfolio to offer users with high resolution and vivid colors. Thanks to a variety of correction functions, large lens shift, and 1.6X high magnification lens enable possibilities for convenient and rapid installation and wider applications, while providing valuable Barco services and support.

A new generation of laser light source, with high efficiency and low energy consumption, the laser modular design leads to improve the utilization of laser source and avoid the risk of sudden failures in important demonstrations. The four set of adjustable laser control extends the lifetime up to 20000 hours. Thanks to high heat resistance WUXGA inorganic LCD panel to offer constant vivid colors. With contrast optimization function on allows you access to high-resolution up to 3,000,000:1

### **Flexible installation**

It supports correction functionalities as Keystone, 4-corner/6-coner, pillow/barrel distortion, multi-point, with 1.6X zoom lens functionality and the maximum lens shift range of 60% (upward) vertical direction and  $\pm 29\%$  in the horizontal direction, and Configures on 360 ° all-round installation function which ensure fast and convenient installation.

### **Barco Services & Support**

With iQ6 series, you can enjoy Barco's mind of peace service. The laser light source not only guarantees good image quality, but also has lower maintenance costs than most lamp projectors on the market.

## Product specifications

## IQ6-W7

### General specifications

Projector type	3 X LCD laser phosphor projector
Resolution	1,920 x 1,200 (WUXGA) -0.64" LCD
Brightness	7,000 ISO lumen*
Contrast ratio	3,000,000:1 (Contrast optimization ON)
Brightness uniformity	85% (Typical)
Aspect ratio	16:10
Lens type	iQ6 LENS (1.2-2.0 : 1) Manual
Optical lens shift	iQ6 LENS (1.2-2.0 : 1) Manual: H±29% V 0%, +60% Manual zoom and focus Manual lens shift
Color correction	No
CLO (constant light output)	No
Light source	Laser phosphor
Laser lifetime	20,000hrs
Orientation	360° rotation, no restrictions
3D	No
Image processing	Embedded warp
Keystone correction	Yes
Input	HDMI IN 1.4 x 2 /VGA IN x 1/VGA OUT x 1/ AUDIO IN x 1/AUDIO OUT x 1
Input resolutions	Up to 1,920 x 1,200 @ 60Hz/3,840 x 2,160 @ 30Hz
Control	IR, RS232, RJ45
Network connection	10/100 Ethernet, RJ45
Power requirements	100-240V / 50-60Hz
Power consumption	360W (full normal) /280W(Eco1) / 230W(Eco1)
Standby power	less than 0.5W(ECO)
Noise level (typical at 25°C/77°F)	38dB(full normal) / 30dB(Eco1) / 28dB(Eco1)
Operating temperature	0~40
Storage temperature	-10~50
Operating humidity	20%-85%
Storage humidity	10%-85%
Dimensions (WxLxH)	405mm x 373mm x 137mm
Weight	7.9KG
Standard accessories	Power cord, wireless remote control
Certifications	CCC/CECP/CELWEEE/China Rohs
Warranty	3 years or 20,000hrs runtime, whichever comes first; 5 years or 20,000hrs as an option * Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 international standards * ISO21118: The lower-limit values of the projector must maintain 80% of the values in specification sheets for the brightness

Last updated: 30 May 2024

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