

G50-W6

6,000 lumens, WUXGA, DLP laser phosphor projector



- **Smallest and lightest projector in its category**
- **Industry leading energy efficiency in the 5-8K lumens segment**
- **Consistent image quality over time**
- **Full range of interchangeable lenses (with widest lens shift)**
- **Guaranteed service and support**

The G50-W6 is an affordable and compact, yet powerful, single-chip WUXGA projector designed for single and multi-channel projections for boardrooms, museums, exhibitions, experience centers, and entry-level simulation applications. It is part of the economical G50 series and the Barco smart line projectors. With a great price-performance ratio, the G50s are the most compact and energy efficient projectors on the market.

The laser phosphor light source ensures great image quality, with superb colors and image uniformity. These are the smallest projectors in our offering with the highest light efficiency visualizing high-quality content at its best.

Their uniform compact size, the compatibility with Barco's extensive G-series lenses and the wide lens shift range enlarge the projectors flexibility, which allows you to choose the perfect fit for your specific environment.

In addition, G50 owners can benefit from the valued Barco service and support. The G50 allows for an Insights Management Suite subscription, our cloud-based IoT platform to monitor, diagnose and control your projectors. And thanks to Barco's Projector Toolset software, installing and managing your projector(s) can be done from the comfort of your own computer.

Product specifications

G50-W6

General specifications

Projector type	Single chip DLP laser phosphor projector
Technology	Single chip DLP laser phosphor projector
Resolution	1,920 x 1,200 (WUXGA)
Brightness	5,400 ANSI lumens 6,000 center lumens 6,400 ISO lumens
Brightness uniformity	90%
Contrast ratio	1,200:1 sequential; 6,000:1 dynamic; Extreme black: 750,000:1
Light source	Laser phosphor
Light source lifetime	Up to 20,000hrs
Aspect ratio	16:10
Orientation	360° rotation, no restrictions
Sealed DLP™ core	Yes
Color correction	Yes
CLO (constant light output)	Yes
Keystone correction	Yes
Image processing	Embedded warp & blend possible via Ptoolset
3D	Active stereoscopic 3D
Lens type	G-lenses -0.37-0.4:1 / 0.65-0.75:1 / 0.75-0.95:1 / 0.95-1.22:1 / 1.22-1.53:1 / 1.52-2.92:1 / 2.90-5.50:1
Optical lens shift	Vertical up to 100%, depending on lens Horizontal up to 30%, depending on lens Motorized zoom and focus Motorized lens shift
Inputs	2 x HDMI In (Compliant with HDMI 2.0b, HDCP2.2) / 1 x Display Port (1.2a) / 1 x HDBaseT (HDCP1.4) / 1 x 3D SYNC In
Output	1 x HDMI Out (Loop through HDMI1/HDMI2/HDBaseT/DP) 1 x 3D SYNC Out 1 x DC 12V Out 1 x Audio out, 3.5mm phone jack
Input resolutions	Up to 4K @60Hz Refresh rates: 24Hz to 60Hz for WUXGA and 4K/4KUHD (4096 x 2160 / 3840 x 2160) 4K input signals will be scaled to the projector's output resolution
Software tools	Projector Toolset
Control	1 x RS232 (D-sub 9 pin) (PC Control) 1 x Wired In (3.5mm phone jack) (Remote In) 1 x RJ45 (LAN)
Network connection	10/100 Ethernet, RJ45
Speakers	10W / 6 Ohm *2
Power requirements	100-240V / 50-60Hz
Power consumption	300W @110V 290W @220V
Standby power	less than 0.5W
BTU per hour	1024 @110V 990 @220V
Noise level (typical at 25°C/77°F)	32dB(A) -36dB(A) depending on the used mode
Operating temperature	0 ~ 40 °C (sea level)
Operating humidity	10 -85% RH, non-condensing
Storage temperature	-10 ~ 60 °C
Storage humidity	5 -90% RH, non-condensing
Dimensions (WxLxH)	without feet: 486 x 376 x 181.2mm
Weight	without lens: 11 kg / 24.25 lbs
Standard accessories	Power cord, wireless remote control
Certifications	CE, FCC Class A, cTUVUS, CCC, EAC, KCC, RCM, BIS, BSMI
Warranty	Limited 3 years parts and labor
*Note	Brightness levels +/-10%

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