

SIM 7H

1080p HD LCoS projector for training and simulation



Powered by LCoS technology, Barco's SIM 7H was specifically designed for flight, air traffic control, ship bridge and driving simulation.

Eye-limiting resolution without speed limits

With its 1080p HD resolution, Barco's SIM 7H delivers razor-sharp images for the ultimate fidelity in simulation training. LCoS technology has the highest pixel-fill factor of all the current display technologies, and produces a smooth-as-silk picture with imperceptible gaps between pixels. Barco's unique smear reduction technology ensures that speed will not affect the SIM 7H's superior image quality, or result in flicker or breakup.

Ready for multi-channel action

The SIM 7H comes equipped with Barco-engineered technologies that make it ready for multi-projector set-ups:

- **Edge blending** technology creates one continuous image without blurry overlap zones where projections converge.
- **DynaColor** and **linked constant light output (CLO)** ensure the same light and color levels across the entire screen.
- **Warping** (geometry correction) enables accurate projection from different angles and across spherical or curved surfaces.

Barco's SIM 7H projectors have the same footprint as the SIM 6 Ultra II, making them ideal for your upgrade solution. With a lower total cost of ownership than any other display system, Barco has ensured that cutting-edge LCoS technology is at your fingertips.

Back to black

Barco's SIM 7H has an impressive dynamic contrast ratio of more than 1,000,000:1 for realistic dusk and night time scenes, and deep black levels. The SIM 7H's stimulated night vision capabilities are compatible even with generation 4 NVGs. What's more, the SIM 7H is the brightest LCoS training projector on the market.

BARCO

Visibly yours

Technische Daten

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|------------------------------------|---|
| Kontrast | Dynamic Contrast Ratio: 1,000,000:1 |
| Auflösung | HD 1080 (1920x1080px) |
| Helligkeitsgleichförmigkeit | <90% |
| Anzeige | 1920x1080 LCoS, 16:9 aspect ratio |
| Eingänge | <ul style="list-style-type: none"> • RGBHV • 2 x Dual DVI inputs for up to 8bit image formats |
| Kompatibilität | <ul style="list-style-type: none"> • All current simulator formats up to 1080p HD |
| Eingangs-Frequenzen | <ul style="list-style-type: none"> • Up to 16bit 330 MHz on Dual DVI • Up to 275 MHz on RGBHV |
| Lampe | 300 Watt UHP lamp, in lamp housing, pre-aligned for max. light output. Typical lifetime: 1,500 h/lamp Lamp warranty 750 hrs or 90 days, whichever comes first. |
| Optiken | 3 panel optical engine for maximum optical color uniformity |
| Lens Shift | Vertical shift: -100% to +100% Horizontal shift: -50% to +50% (no shift on QSD 0.80:1 lens) |
| Leistungsaufnahme | Normal operation: Max. 600W |
| Wärmeabgabe | Below 2100 BTU/h |
| Stromversorgung | 85V – 255 V |
| Gewicht | 27kg (60lbs) with lens |
| Abmessungen | WxLxH: 370 x 555 x 270 mm (14.5 x 22 x 11 inch) |
| Sicherheitsstandards | Compliant with UL 1950 and EN60950 |
| Elektronorm | Complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A |