

SIM 10

10 megapixel training and simulation projector



Barco's SIM 10 brings together the most forward-thinking technologies available in projection for training and simulation, to help achieve the most realistic image quality possible. The SIM 10 features a native 10 megapixel resolution, a dynamic contrast range of up to 10 million to one and a brightness of up to 6000 lumens.

Down to the smallest detail

A native resolution of 4096x2400 pixels is a lot of pixels. Nearly 10 million, to be exact. And more pixels means more detail, which results in greater realism. As such SIM 10 is the best choice to build eye-limiting resolution systems. With the SIM 10 projector, pilots in training never miss an essential detail again.

High-speed, high-quality imagery

In a fast-paced training scenario, it's essential to quickly identify ally or enemy. Barco's smearing reduction technology ensures that the SIM 10 can handle this intense imagery flawlessly, so that targets are immediately recognizable, even at great distances and moving at fast speeds. The SIM 10 smearing reduction allows it to simulate aircraft rolls previously impossible.

Reduce your total cost of ownership

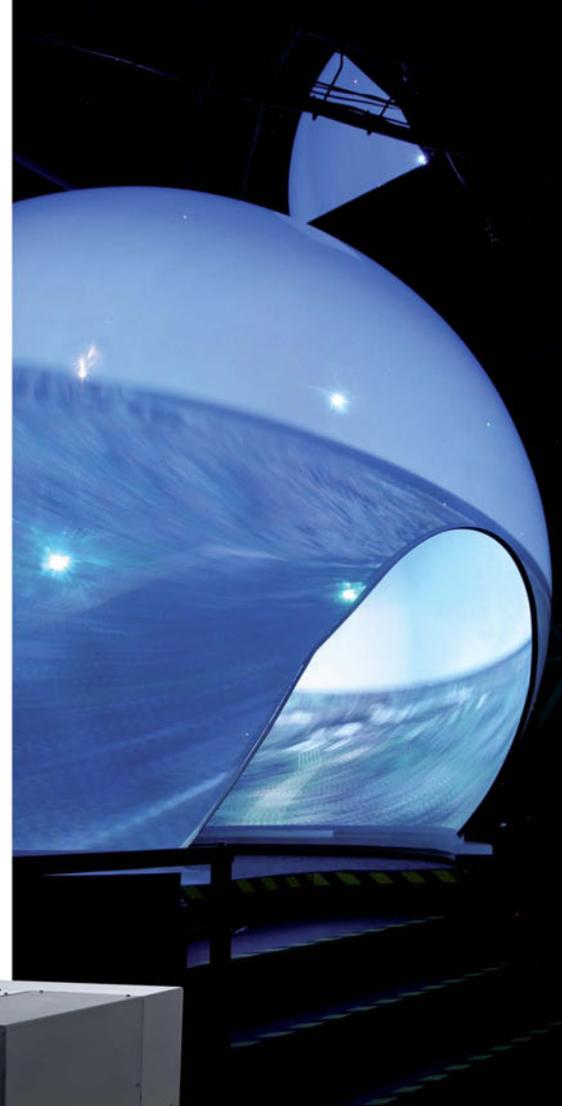
Barco's SIM 10 allows you to build high-performance simulators with significantly fewer projectors. It comes with 3-LCoS (liquid crystal on silicon) chips of Generation 2011 that have improved display performance and a significantly increased lifetime.

Passing with flying colors

Barco's SIM 10 was designed specifically for training and simulation systems. When you use several projectors to create one image, it automatically equalizes color and brightness levels across the image – even when projectors or lamps are replaced. In this way, you have the same smooth image, free of disturbances, all the time.

BARCO

Visibly yours



Not alone in the dark

With a dynamic contrast ratio that can reach up to 10 million to 1 as well as an increased infra-red spectrum, the SIM 10 projector is ideal for simulated night and dusk training. It is completely compatible with all types night vision goggles, and produces realistic halo and blooming effects. This makes Barco's SIM 10 the best choice for all sorts of training needs for pilots - both day and night.

The right curves

Many simulation environments use curved screens to more accurately render the feeling of being in a cockpit. The SIM 10 carries warping technology on board, which results in a geometrically correct image across any type of curved surface, without the need for separate third-party devices.

Compatible with any type of simulator

Barco's SIM 10 can be made motion-base compatible, and can be deployed in flat faceted displays, collimated displays as well as front- and rear-projected curved screen displays. Due to its brightness, it is also the perfect choice for upgrades to large domes, or an increase of FtL in compact systems, which eliminates the need for a reading light.



	SIM 10
Resolution	10 million pixels (4096x2400)
Brightness	up to 6,000 lumens
Contrast ratio	dynamic contrast up to 10,000,000:1
Smearing reduction	50% and 33% options
Geometry correction	full 10 million pixels generation 3 warp

M00413-R02-1210-DS

Barco is an ISO 9001 registered company.
The information and data given are typical for the equipment described. However any individual item is subject to change without any notice.
The latest version of this product sheet can be found on www.barco.com.
The standard product warranty is 1 year.

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