SIM 5W

Compact WUXGA projector for multi-channel setups

Barco's SIM 5W is the world's only single-chip DLP, WUXGA projector designed specifically for multi-channel projection. It is a compact, cost-effective projector that offers the image detail needed for any type of simulation or virtual reality environment.

Multiple channels, one seamless image

The SIM 5W comes equipped with unique, Barco-engineered technology for multi-channel set-ups:

- **Electronic or optical edge blending** creates one continuous image across the entire screen, without blurry overlap zones, thanks to new alpha and beta planes
- **Linked constant light output (CLO)** and **constant contrast dimmer (CCD)** equalize brightness levels across the entire display system
- **Linked DynaColor** technology ensures perfect color matching between channels
- **Bi-cubical warping** (geometry correction) ensures that an image is projected correctly, with an extremely high level of accuracy, across curved, non-flat surfaces

Compatibility with XDS Control Center software suite

Barco's SIM 5W can be integrated with Barco's multi-windowing XDS Control Center software suite. It supports both single and two-channel setups.

Minimum total cost of ownership, maximum uptime

Barco's compact SIM 5W is a perfect fit in any environment that requires a projection system with little maintenance needs. The SIM 5W's sealed optical engine prevents dust from entering its core and degrading image quality. Its dual-lamp system and improved lamp lifetime minimize both service needs and downtime, and reduce its **total cost of ownership** (TCO) to a great degree.

BARCO

Visibly yours

SIM 5W technical specifications

Display capabilities	**Contrast (max.)**	
	2,000:1 (full field)	
	Resolution	
	WUXGA (1,920 x 1,200)	
	Chip technology	
	Single-chip DLP™ (RGBRGB) with BrilliantColor processing	
Lamps	**Lamp**	
	2x 250 Watt UHP	
	Lamp lifetime (typical)	
	3,000 hrs	
Dimensions	**Weight**	
	Body only: 14,8kg / 32,6 lbs	
	Height - width - length	
	195 x 415 x 487 mm	
	7"67 x 16"33 x 19"8	
Lenses	**Available zoom lenses**	
	QCLD (1.1 - 1.3:1)	R9849860
	CLD (1.2 - 1.6:1)	R9849870
	CLD (1.6 - 2.4:1)	R9849880
	CLD (2.4 - 4.3:1)	R9849890
	Available fixed focal lenses	
	QCLD (0.85:1)	R9849860
Lens shift	Horizontal lens shift: 85% to -20%	
	Horizontal lens shift on QCLD zoom lens: 65% to -20%	
	Vertical lens shift: 115% to -20%	
	No lens shift on the QCLD fixed lens	
Features	**Special features**	
	Internal light sensor for constant light output	
	Constant contrast dimmer (20:1 dimming)	
	Advanced edge blending, optical and electronic	
	Full geometry correction	
	Sealed DLP engine, low maintenance design	
	Dual lamp system	
	Supports one- and two-channel XDS Control Center setups	
	TCP/IP and RS232 ports for remote control	

Inputs and outputs	**Inputs**	
	Layer 0: Dedicated desktop input	
	Layer 1: 5-cable BNC: RBGHV, composite and S-video	
	Layer 2: DVI-D (non-HDCP), 1x VGA	
	Layer 3: DVI-D (HDCP), 1x VGA	
	Output	
	1x DVI-D	
	Communication ports	
	RS232 in on DB9	
	RJ45 (10/100 Base-T Ethernet)	
Compatibility	**Video**	
	PAL, SECAM, NTSC signals	
	Composite, S-video, component or RGB formats	
	All current HDTV standards (720i, 720p, 1080i, 1080p)	
	Data	
	All computer graphics formats up to QXGA @ 75Hz	
	DVI sources with pixel clock up to 165MHz,	
	Analog sources with pixel clock up to 270MHz	
Safety	**Safety regulations**	
	Compliant with ETL60950 and EN60950	
	CE and CCC compliant	
	Class A: FCC, part 15 and CE EN55022	
Power	**AC power**	
	100 - 240 VAC/50-60 Hz	
	Max. power consumption	
	700 Watt, 2390 BTU/hr	
Order info	SIM 5W	R9040395
	NVG option	ROPT2242
	XDS Control Center	R9898420
	XDS Networked Desktop Sharing	R9898430
	XDS Extended Mouse & Keyboard Control	R9898450
	XDS Remote Control Center	R9898440
	XDS Videoconferencing Control	R9898460
	XDS Remote Administration	R9898480

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DLP™ technology by Texas Instruments offers crystal clear images with superior quality. DLP is a trademark of Texas Instruments.

The information and data given are typical for the equipment described.. However any individual item is subject to change without any notice.

Barco
Avionics & Simulation Division
contact.bps@barco.com

APAC
7F, FenYang Road 138
200 031 Shanghai - China
Tel. +86 21 5465 5501
Fax +86 21 5465 5502

USA
600 Bellbrook Avenue
Xenia, OH 45385-4053
Tel. +1 (937) 372-7579
Fax +1 (937) 372-8645

EMEA & ROW
Noordlaan 5
8520 Kuurne - Belgium
Tel. +32 56 36 82 11
Fax +32 56 36 85 26