3LCD Technology

- Clear, focused images
- H/V Keystone capability
- Powerful stereo sound
- Comprehensive connectivity

Make every presentation shine with the L255 data projector. The 2500:1 ANSI lumens and advanced 3-chip LCD technology delivers images that are of the highest quality, realistic and sharp. Colours are not only natural, but also bright and filled with detail. Put your presentation in the spotlight with the Samsung L255 and make a lasting impression.

Experience the incredible intensity of 3LCD

3LCD technology reaches a new level of realism by using mirrors to split a white light source into primary colours—red, blue and yellow. Each colour is then reflected onto its own LCD chip, which creates an image that combines into a vibrant full colour image once it passes through a prism. The spectacular colour image shoots through a lens and is projected onto the screen. What your eyes finally see is so unbelievably intense, it sets a new precedent in what you can expect from a projector.
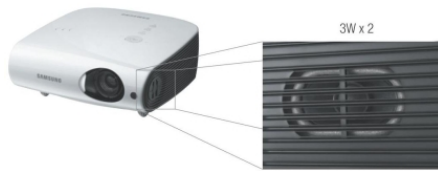
Clear, focused images

You can select between wide screen (16:9) and normal screen (4:3) sizes to help you present perfectly focused images that fully fit your needs.

H/V Keystone capability

Keystones occur when a projector is not placed exactly in the centre of a projection screen, causing image stretching and distortion. When the projector is placed either above or below centre, Vertical Keystones occur. Horizontal Keystones occur when the projector is at an angle either to the left or right of centre. The Samsung Projectors offer effective Keystone Correction, compensating for imprecise projector placement and delivering perfectly presented projections that appear accurate and exact. Vertical Keystone Correction is in-built on all models; Horizontal Keystone Correction is included on the L255.

Powerful stereo sound

The Samsung projectors are the ultimate professional data projectors. With powerful built-in stereo speakers (3W x 2), they exude an air of complete professionalism that adds depth and resonance to presentations.

Comprehensive connectivity

The Samsung projectors come equipped with a full range of input options that allow you to connect with a full range of digital multimedia devices. The HDMI (High Definition Multimedia Interface) enables the highest resolution images to be transmitted with 100% integrity for a truly breathtaking visual experience.

Low noise

Noise level is almost inaudible in normal living environments. User satisfaction is maximised with low noise design that meets highest standard.

General		
	Audible Noise	Eco-Mode: 30 dB, Bright-Mode: 32 dB
	Actual Dimension (WxDxH, mm)	291 x 289 x 115mm
	Actual Weight (kg)	3.8kg
	Shipment Dimension (WxDxH, mm)	402 x 370 x 179mm
	Shipment Weight	5.4kg
	Projector Warranty	3 years
	Lamp Warranty	6000 hours / 1 year
	Operating Temperature	5 - 35°C
	Max Altitude Supported	Max 3000m (Operating)
	Operating Humidity	20% - 80% (Non-condensing)
	Typical Power Consumption	270 Watts
	Standby Power Consumption	Under 1W
	Max Power Consumption	Under 280 Watts
	Power Supply	100 - 240 Volts at 50 - 60 Hz
	Menu Language	English, German, Netherlands, Spanish, French,

		Italiano, Swedish, Portuguese, Russian, Turkish, Tai, Chinese, Korean
	Approvals	UL and c-UL (US / Canada), FCC-B (US / Canada), CE (CE member countries), CCC (China)
Pictures	**Brightness (Typical)**	2500 ANSI
	Contrast Ratio (Typical)	500:1
	Resolution	XGA
Display	**Native Aspect Ratio**	4 x 3
	Supported Aspect Ratio	4:3, Zoom1, Zoom2, 16:9
	Brightness (Max ANSI lumens)	High Bright: up to 2500 ANSI Lumens
		Up to 500:1 Full On / Off
	Display Technology	3 panel LCD (p-Si TFT Active-matrix)
	Data Compatibility	VGA, SVGA, XGA, SXGA, UXGA
	Video Compatibility	NTSC, NTSC-4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM480i, 576i, 480p, 576p, 720p, 1080i
	Native Resolution	XGA
	Projector Placement	Front Floor, Front Ceiling, Rear Floor, Rear Ceiling
	Lamp Type	UHP Lamp
	Lamp Wattage	High Bright: 202 Watts / Eco Mode: 172 Watts
	Lamp Life	High Bright: 2500 Hours / Eco Mode: 3000 Hours
	Picture Mode	Dynamic, Standard, Presentation, Text, Movie, Game, User
	Screen Format	Normal / Zoom1 / Zoom2 / 16:9
	Minimum Image Size	40"
	Max Image Size	300"
	Standard Lens Zoom	1.2:1
	Standard Lens Throw Ratio	1.43 - 1.71
	Standard Lens Image Offset Ratio	67%
	Standard Lens Projection Distance	1 - 10m
	Digital Keystone Correction (V)	+/- 20°
Input & Output	**DVI**	(Requires HDMI to DVI cable)
	HDMI	Number of Inputs: 1
	Component (RCA)	(Requires D-sub to RCA component cable)
	Computer	Number of Inputs: 1 (D-sub 15pin)
	S-Video	Number of Inputs: 1
	Composite (RCA)	Number of Inputs: 1
	HDCP Support	Yes

	RS-232	Yes (D-sub 9pin)
	USB	Yes
	Stereo RCA Jacks Input	Number of Inputs: 1 (pair with S-Video or Composite RCA)
	Stereo 3.5 mm Mini-jack Input	Number of Inputs: 1 (pair with D-sub 15pin)
	Projector Control	Projector Key panel, Remote Control
	Speaker	Stereo 2 speaker (3W x 2)
	Monitor Output	Number of Inputs: 1 (D-sub 15pin)
Compatibility	**Data Compatibility**	VGA (640 x 480), SVGA (800 x 600), XGA (1024 x 768), SXGA (1280 x 1024), UXGA (1600 x 1200)
	H-Sync Range	30 - 80KHz
	V-Sync Range	56 - 75Hz
		NTSC, NTSC-4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM480i, 576i, 480p, 576p, 720p, 1080i
	Product Color	White

Features and specifications are subject to change without prior notification.