Specification

Model	SO300X	SO422X	SO502X	SO422W	SO422U
Brightness (MKT)	3200 lm	4200 lm	5000	4200	4200
Display Technology	3LCD				
Contract Ratio	800:1 (w/o IRIS)	25000:1(w/i IRIS)	25000:1(w/i IRIS)	25000:1(w/i IRIS)	25000:1(w/i IRIS)
Resolution	XGA (1024x768)	XGA (1024x768)	XGA (1024x768)	WXGA (1280 x 800)	WUXGA (1920 X 1200)
Lamp Consumption	225W	240W	240W	240W	240W
Noise	ECO: MAX 31dB, Normal: 38dB				
Lamp Life time	10,000H(Normal) /20,000H(ECO)				
Aspect Ratio	4:3(Standard) / 16:9 (Compatible)	4:3(Standard) / 16:9 (Compatible)	4:3(Standard) / 16:9 (Compatible)	16:10(Standard) / 4:3 (Compatible)	16:10(Standard) / 4:3 (Compatible)
Zoom/Focus	Manual				
Zoom Ratio	1.2x optics				
Throw Ratio	70"@2.1m, 1.48~1.78:1	70"@2.1m, 1.48~1.78:1	70"@2.1m, 1.48~1.78:1	70"@2.232m, 1.48~1.78:1	70"@2.067m, 1.37-1.65:1
F	F:2.1~2.25	F:1.6~1.76	F:1.6~1.76	F:1.6~1.76	F:1.6~1.76
f	f=19.109~22.936mm	f=19.158~23.018mm	f=19.158~23.018mm	f=19.158~23.018mm	f=19.158~23.018mm
Screen Size (30"~300")	0.887~10.899m	0.888~10.937m	0.888~10.937m	0.942~11.595m	0.872~10.736m
Speaker	N/A	1*16W	1*16W	1*16W	1*16W
Scranning Frequency	Hsync Frequency 15~100KHz / Vsync Frequency 48~85Hz				
Computer Signal Input	PC, VGA, SVGA, XGA, SXGA,WXGA,UXGA,WUXGA, Mac				
Video Compatibility	PAL, SECAM, NTSC 4.43, PAL-M, PAL-N, 480i, 480p, 576i, 576p, 720p, 1080p and 1080i				
Power Consumption	300W	320W	320W	320W	340W
ECO Standby Mode Power Consumption	<0.5W				
Network standby Power Consumption	<2W				
Keystone Correction	V: ±30° (Manual)	V: ±30°, H: ±30° 4 Corner Keystone			V: ±30°, H: ±30° Pincushion/Barrel Correction, 6 Corner Correction, Grid Image Tune
Input Terminals	VGA x1, HDMI x1, Video x1	VGA x1; Video x1; Audio in(mini jack 3.5mm)x1; Audio in(L/R)--RCAx1; HDMI x2; USB-Bx1(Display), USB-Ax1 (support MemeoryViewer), RJ45x1(Display)			
Output Terminals	N/A	VGA x1, Audio out (mini-jack,3.5mm) x1			
Other Terminals	RS232 x1, USB-B x1(for up-grade)	RS-232x1, RJ45 x1(for control), USB-Bx1(for up-grade)			
Power Requirement	AC 100 – 240 V ~ 50-60 Hz				
Net. Weight(KG)	~3.1 kg	~3.3 kg			~3.4 kg
Max Dimensions	345(W) x 261(D) x 99(H) mm				
Standard Accessories	Power cord, VGA cable, Remote control, QSG(for Projector)				

*specifications subject to change without notice.

Projection distance

*All measurements are approximate and may very from the actual sizes.

SO300X

Screen size			Projection distance			
			Standard 4:3		Compatible 16:9	
Screen size (inch)	Width (m)	Height (m)	Wide	Tele	Wide	Tele
30"	0.610	0.457	0.887	1.069	0.968	1.167
60"	1.219	0.914	1.797	2.161	1.960	2.356
80"	1.626	1.219	2.404	2.889	2.621	3.190
100"	2.032	1.524	3.010	3.617	3.282	3.943
150"	3.048	2.286	4.527	5.438	4.934	5.926
200"	4.064	3.048	6.044	7.258	6.587	7.909
250"	5.080	3.810	7.559	9.078	8.239	9.892
300"	6.096	4.572	9.077	10.899	9.892	11.874

SO422X/SO502X

Screen size			Projection distance			
			Standard 4:3		Compatible 16:9	
Screen size (inch)	Width (m)	Height (m)	Wide	Tele	Wide	Tele
30"	0.610	0.457	0.888	1.071	0.969	1.169
60"	1.219	0.914	1.800	2.167	1.963	2.363
80"	1.626	1.219	2.408	2.898	2.626	3.159
100"	2.032	1.524	3.017	3.629	3.289	3.956
150"	3.048	2.286	4.537	5.456	4.946	5.946
200"	4.064	3.048	6.058	7.283	6.602	7.937
250"	5.080	3.810	7.579	9.110	8.259	9.927
300"	6.096	4.572	9.099	10.937	9.916	11.917

SO422W

Screen size			Projection distance			
			Standard 16:10		Compatible 16:9	
Screen size (inch)	Width (m)	Height (m)	Wide	Tele	Wide	Tele
30"	0.646	0.404	0.942	1.137	0.969	1.169
60"	1.292	0.808	1.910	2.299	1.963	2.363
80"	1.723	1.077	2.554	3.073	2.626	3.159
100"	2.154	1.346	3.199	3.848	3.289	3.956
150"	3.231	2.019	4.811	5.785	4.946	5.946
200"	4.308	2.692	6.423	7.721	6.602	7.937
250"	5.385	3.365	8.035	9.658	8.259	9.927
300"	6.462	4.039	9.647	11.595	9.916	11.917

SO422U

Screen size			Projection distance			
			Standard 16:10		Compatible 16:9	
Screen size (inch)	Width (m)	Height (m)	Wide	Tele	Wide	Tele
30"	0.646	0.404	0.872	1.053	0.896	1.082
60"	1.292	0.808	1.769	2.129	1.818	2.188
80"	1.723	1.077	2.365	2.845	2.431	2.924
100"	2.154	1.346	2.962	3.563	3.044	3.662
150"	3.231	2.019	4.455	5.356	4.578	5.505
200"	4.308	2.692	5.947	7.149	6.113	7.348
250"	5.385	3.365	7.440	8.943	7.647	9.191
300"	6.462	4.039	8.932	10.736	9.181	11.035

K LASER Group (Projector BU)
http://www.everestdisplay.com.tw
Email: yctang@klasergroup.com

SO300X/SO422X/SO502X/SO422W/SO422U

Standard Throw Projector

Brilliant and clear images satisfy your needs. Long life lamp and easy-to-operate design are highly suitable for education and corporate use.

- Latest IRIS technology
- 3LCD color balance
- Powerful geometry correction
- Up to 20,000 hrs lamp life(ECO)
- Splicing screen up to 5x5 mode
- Built-in Edge blending(WUXGA model)

PHILIPS Infinity Lamp

The best choice in classroom and meeting room.

Resilient projector design for different classrooms and flexible office offers a variety of brightness, resolution as well as simple and advanced interface to show powerful performance, low maintenance and easy to use function.

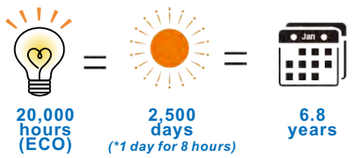
AL Series provides 3000lm ~ 5000lm brightness and XGA, WXGA, WUXGA resolution, including all the essential feature displayed in classrooms and meeting rooms while still displaying excellent image quality when the lights are on.

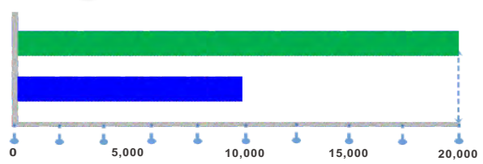
Vivid color performance and image quality.

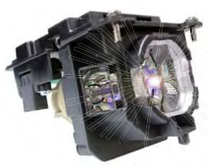
Using with 3LCD technology, it outputs vivid color performance, exquisite picture quality with different brightness to show a clear, bright, natural images in the business presentation. It also engages teacher and students particular experience in the teaching and learning.

New generation lamp with 20,000 hours lamp life time.

Up to 20,000 hours life time (ECO mode) it can reduce the cost of replace lamp and save maintenance cost. If you use it for 8 hours a day, it can be used for 6 to 7 years. This usage scenario can also give customers a user-friendly feeling.



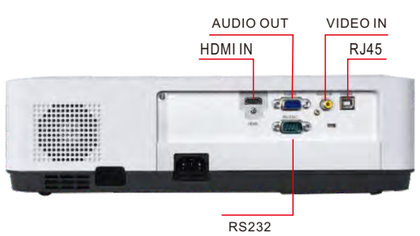




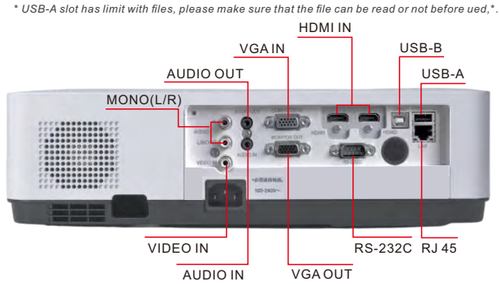
Multiple interface.

For entry level it provide basic interface terminals to user. For advanced level it provide not only the mainstream interface (VGA, HDMI) but LAN & USB-B terminals can support any kind of signal display. USB-A (2.0) slot can support USB display it can directly project videos and pictures via USB slot.

** USB-A slot has limit with files, please make sure that the file can be read or not before ued,*.*

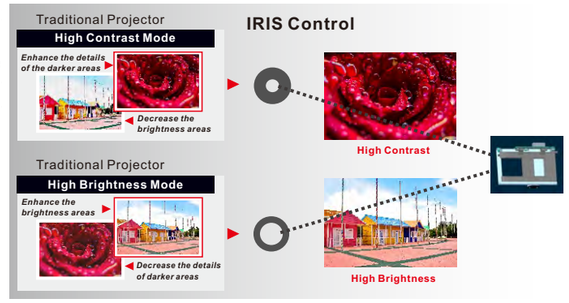


SO300X



The latest IRIS enhance the contrast.

Using the latest dynamic IRIS contrast enhancement technology, it greatly enhance the contrast ratio. Compared to traditional technology it can provide the highest 25000:1 to show the purest black, clear picture, structured and subtle image to bring superior visual impact in the presentation.



Powerful geometry correction.

In addition to the conventional Vertical and Horizontal keystone correction, it still provides 4 Corner keystone, Pincushion, Barrel Correction, 6 Corner Correction and Grid Image for installer to install on spheres, cylinders, and many more non-standard surfaces. ** Pincushion/Barrel, 6 Corner Correction and Grid Image Tune are only for WUXGA model.*

Edge blending / Splicing screen.

** Edge blending function only for WUXGA model, * excluding SO350X.*

The AL series is equipped with HDMI terminals, connects multiple projectors, can perform multi-screen self-splicing function and support up to 5×5 modes.

Built-in “Edge Blending" function to adjust the image blending between the projectors.

Superior Dust proof design.

High efficiency ESD filter can make sure projector under the clean situation operation to extend the projector life and ensure the image quality.

Projector built-in an auto-detected system, always checks the projector's air volume, and automatically detects whether the filter is blocked. It can actively give the alarm to clean up the filter message to protect the machine and improve the service life.