



ALW4020

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)
- Vivid color performance
- Splicing screen up to 5x5 mode

The best choice in classroom and meeting room.

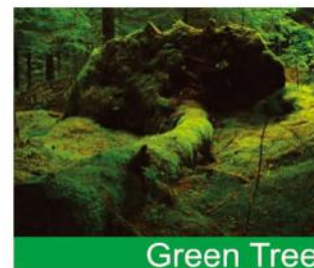
Resilient projector design for different classrooms and flexible office offers a variety of brightness, resolution as well as simple and advanced interface to show powerful performance, low maintenance and easy to use function.

ALW4020 provides 4000lm brightness and all the essential feature displayed in classrooms and meeting rooms while still displaying excellent image quality when the lights are on.



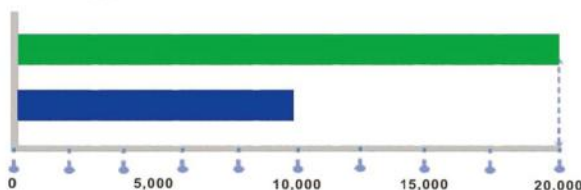
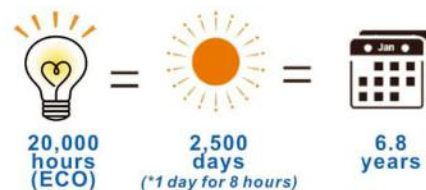
Vivid color performance and image quality.

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.

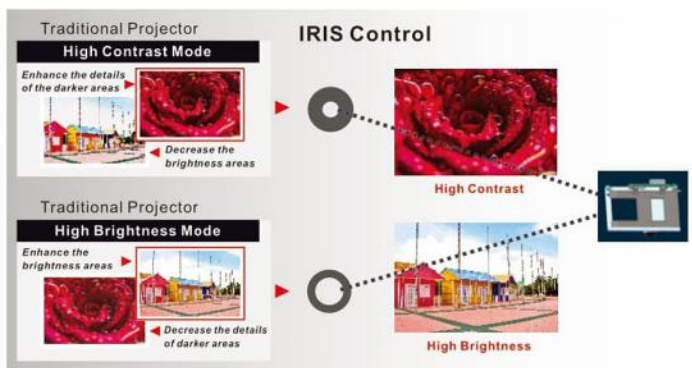
For entry level it provide basic interface terminals to user. For advanced level it provide not only the mainstream interface (VGA, HDMI) but LAN & USB-B terminals can support any kind of signal display. USB-A (2.0) slot can support USB display it can directly project videos and pictures via USB slot.



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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 30000:1 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 for installer to install on spheres, cylinders, and many more non-standard surfaces.



Horizontal/Vertical Keystone



4 Corner Keystone

Splicing screen.

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.



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.



Spec.

Model	ALW4020
Optical Spec.	
Brightness	4000
Display Technology	3LCD
Contract Ratio	30000:1
Resolution	WXGA (1280 x 800)
amp Consumption	240W
Noise	ECO: MAX 31dB, Normal: 38dB
Lamp Life time	10,000H(Normal) /20,000H(ECO)
Aspect Ratio	16:9(Standard) / 4:3(Compatible)
Projection Lens	
Zoom/Focus	Manual
Zoom Ratio	1.2x optics
Throw Ratio	70"@2.1m : 1.48~1.78 : 1
F	F:1.6~1.76
f	f=19.158~23.018mm
Screen Size (30"~300")	0.942~11.595m
Generic Spec.	
Speaker	1*10W
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	310W
ECO Standby Mode Power Consumption	<0.5W
Network standby Power Consumption	<2W
Keystone Correction	V: ±30°, H: ±30°, 4 Corner Keystone
OSD(Languages)	26 languages: English, German, French, Italian, Spanish, Polish, Swedish, Dutch, Portugese, Japanese, Simplified Chinese, Traditional Chinese, Korea, Russian, Arabic, Turkish, Finnish, Norwegian, Danish, Indonesian, Hungarian, Czech, Kazak, Vietnamese, Thai, Farsi
Input Terminals	VGA x1; Video x1; Audio in(mini jack 3.5mm)x1; HDMI x2; Audio in(L/R)--RCa1; USB-Ax1 (support MemeoryViewer), USB-Bx1(Display), RJ45x1(Display)
Output Terminals	VGA x1, Audio out (mini-jack,3.5mm) x1
Other Terminals	RS-232x1, RJ45 x1(for control), USB-Bx1(for up-grade)
Mechanical Spec.	
Power Requirement	AC 100 – 240 V ~ 50-60 Hz
Net. Weight(KG)	3.06 kg
Max Dimensions	345(W) x 261(D) x 99(H) mm
Standard Accessories	
Standard Accessories	Power cord, VGA cable, Remote control, Service Card, QSG(for Projector)

*specifications subject to change without notice.

Projection distance

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

ALW4020

unit : m

Screen Size (inch)	4:3		16:10		16:9	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
30	1.067	1.288	0.942	1.137	0.969	1.169
100	3.623	4.358	3.199	3.848	3.289	3.956
150	5.449	6.552	4.811	5.785	4.946	5.946
200	7.274	8.744	6.423	7.721	6.602	7.937
300	10.926	13.132	9.647	11.595	9.916	11.917

