Product Specification

Model	AYX552	AYW502	AYU522
Optical Spec.			
Brightness (Lumens)	5500	5000	5200
Display Technology	3LCD		
Contract Ratio	5,000,000:1 (FOFO)		
Resolution	XGA (1024x768)	WXGA (1280x800)	WUXGA (1920 x 1200)
Light Source	Laser Diode		
Noise	ECO2: 28dB/ ECO1: 30dB/ Normal: 37dB		
Lamp Lifetime	30,000 Hrs		
Aspect Ratio	4:3(Standard)/16:9(Compatible)	16:10(Standard)/4:3(Compatible)	
Projection Lens			
F	1.6~1.76	1.6~1.76	1.6~1.76
f	19.158~23.018mm	19.158~23.018mm	19.158~23.018mm
Zoom/Focus	Manual		
Zoom Ratio	1.2x optics	1.2x optics	1.2x optics
Throw Ratio	1.48~1.78:1	1.48~1.78:1	1.37~1.65:1
Screen Size	30"~300"	30"~300"	30"~300"
Lens Shift V	N/A	N/A	N/A
Generic Spec.			
Speaker	1*16W		
Scanning Frequency	Hsync Frequency 15~100KHz / Vsync Frequency 24~85Hz		
Computer Signal Input	VGA, SVGA, XGA, SXGA,WXGA,UXGA,WUXGA,4K@30Hz		
Video Compatibility	PAL, SECAM, NTSC 4.43, PAL-M, PAL-N, 480i, 480p, 576i, 576p, 720p, 1080p and 1080i		
Power Requirements	100~240V @ 50/60Hz		
Power Consumption	ECO2: 155W/ ECO1: 175W/ Normal: 270W	ECO2: 170W/ ECO1: 190W/ Normal: 280W	
Input Terminals	VGA x1, HDMI x2, Video x1, Audio in x1, Audio in(L/R) x1, USB-A x1(Support Memeory viewer), USB-B x1(Display), RJ 45 x1		
Output Terminals	VGA x1, Audio out (mini-jack,3.5mm) x1		
Other Terminals	RS-232x1, RJ45 x1(control), USB-Bx1(for up-grade)		
Other Function			
Keystone Correction	V: ±30°, H: ±30°, 4 Corner Keystone	V: ±30°, H: ±30°, Pincushion/Barrel Correction, 4 Corner, 6 Corner Geometry Correction, Grid Image Tune	
Auto Setup	INPUT SEARCH, AUTO PC, Auto Keystone, Auto Ceiling		
Picture mode	Dynamic, Standard, Cinema, Colorboard, Blackboard(Green)		
Suspend	Yes(5miniutes no singnal as default)		
Cooling time	5s		
D-Zoom	1~19		
360 degree projection	Yes		
Mechanical Spec.			
Max Dimensions (WxHxDmm)	390(W) x 294(D) x 128(H) mm		
Net. Weight(KG)	5 kg		
Standard Accessories			
Standard	Power cord, VGA cable, Remote control, Service card, QSG(for Projector)		

*specification subject to change without notice.

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

Model	Projection Screen Size			4:3 aspect ration	
	Screen Size	Width	Height	Wide	Tele
	(inch)	(H/m)	(B1+B2/m)	(m)	(m)
AYX552	60	1.219	0.914	1.800	2.167
	70	1.422	1.067	2.104	2.532
	80	1.626	1.219	2.408	2.898
	100	2.032	1.524	3.017	3.629
	150	3.048	2.286	4.537	5.456
	200	4.064	3.048	7.579	9.110
	300	6.096	4.572	9.099	10.937

Model	Projection Screen Size			16:10 aspect ration	
	Screen Size	Width	Height	Wide	Tele
	(inch)	(H/m)	(B1+B2/m)	(m)	(m)
AYW502	60	1.292	0.808	1.091	2.299
	70	1.508	0.942	2.232	2.686
	80	1.723	1.077	2.554	3.073
	100	2.154	1.346	3.199	3.848
	150	3.231	2.019	4.811	5.785
	200	4.308	2.692	6.423	7.721
	300	6.462	4.039	9.647	11.595

Model	Projection Screen Size			16:10 aspect ration	
	Screen Size	Width	Height	Wide	Tele
	(inch)	(H/m)	(B1+B2/m)	(m)	(m)
AYU522	60	1.292	0.808	1.769	2.129
	70	1.508	0.942	2.067	2.487
	80	1.723	1.077	2.365	2.845
	100	2.154	1.346	2.962	3.563
	150	3.231	2.019	4.455	5.356
	200	4.308	2.692	5.947	7.149
	300	6.462	4.039	8.932	10.736

BOXLIGHT®

Long Throw Projector
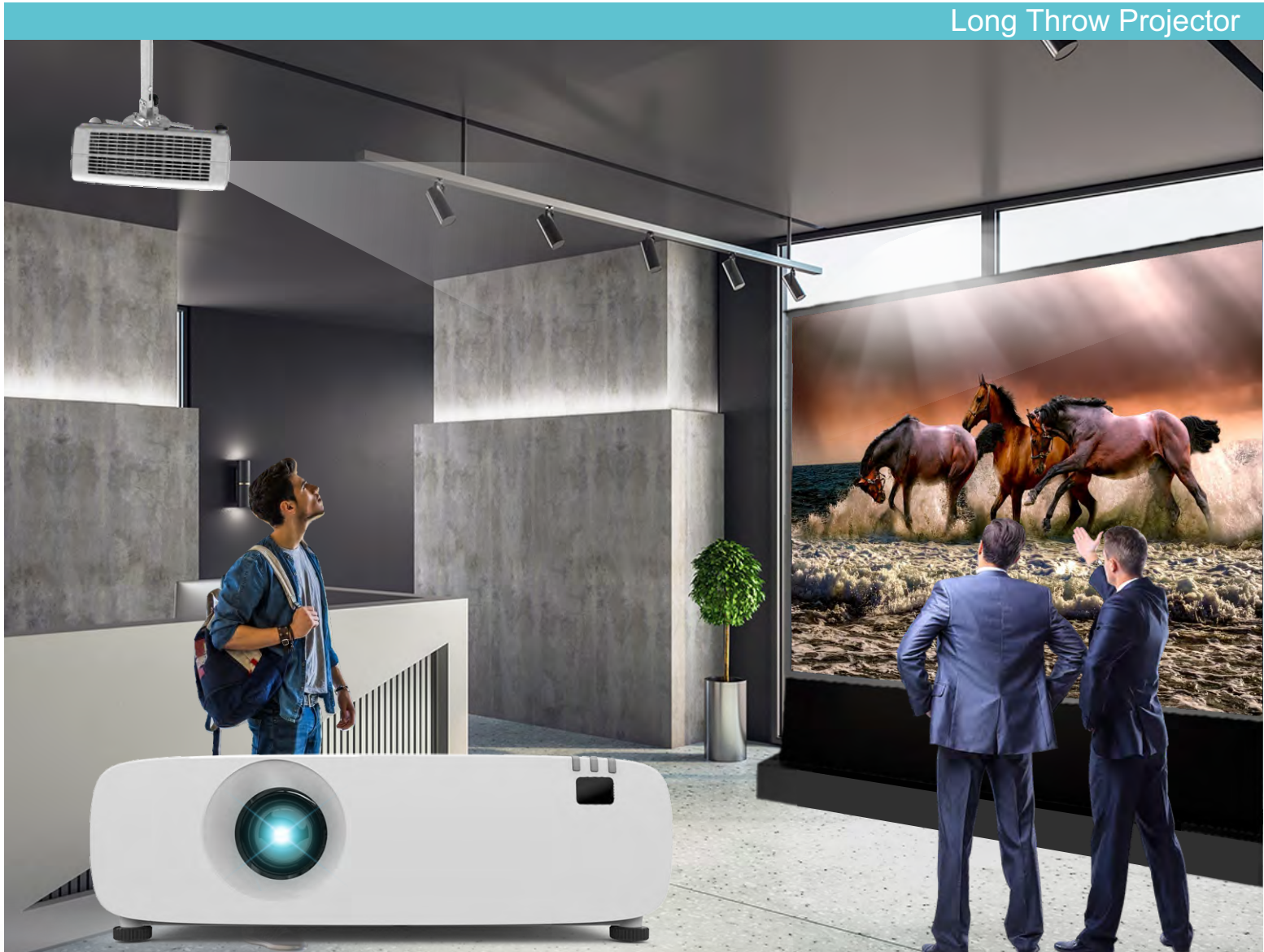
AYX552/ AYW502/ AYU522

5000lm~5500lm brightness output, lens shift, 30,000hrs life time(ECO mode) of laser light source can provide professional installation in small and medium rooms, lecture hall, auditorium, gymnasium and bowling alley and reduce maintenance fee.

- High Brightness 5,000~5,500 Lumens
- 5,000,000:1 High Contrast
- Supports 4K Signal Input
- 360 Degree Projection
- Powerful Geometry Correction
- Up to 30,000 Hours Light-source Lifetime
- Compatible with Crestron RoomView, AMX,PJ-Link and can control multiple projectors simultaneously through the network.

4K SUPPORT　LASER Light Source　3LCD
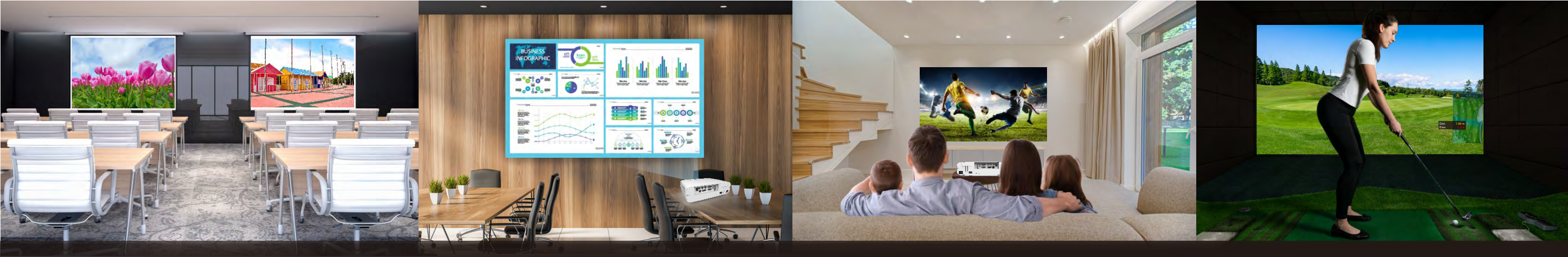
High Brightness, Rich Color and Vivid Images

Adopting 3LCD technology and laser light source, brightness output reaches to 5,000 lumens and 5,000,000:1 contrast. Install this projector indoors in large space to still keep the screen full of rich color performance and vibrant image.

▲ High Contrast
5,000,000:1

▼ Low Contrast

30,000 Hours without change Light Source

Laser light source design can up to 30,000 hours operation time without light source replacement to reduce maintenance effort and give customer user -friendly feeling.

Light source has Normal, ECO1, ECO2 modes be adjusted by the ambient light to save energy.
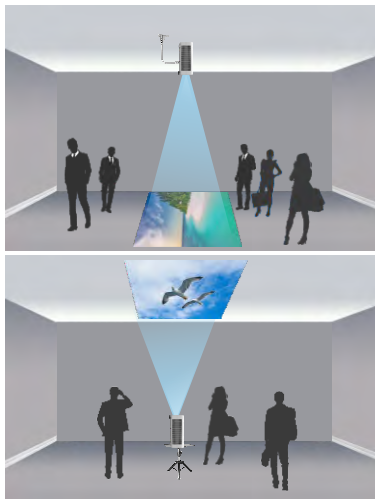

Energy saving

30,000 hours (ECO)
20,000 hours (Normal)
5,000 hours (ECO)

360 Degree Projection

Any tilt-free, roll-free and portrait can be installed at any angle universally. Under the freeform (360-degree) projection the projector can be set up to point up or down depending on the installation environments and can be installed on its side to create a portrait image.

360°

Powerful Geometry Correction

In addition to the conventional Vertical and Horizontal keystone correction, we still provide 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.

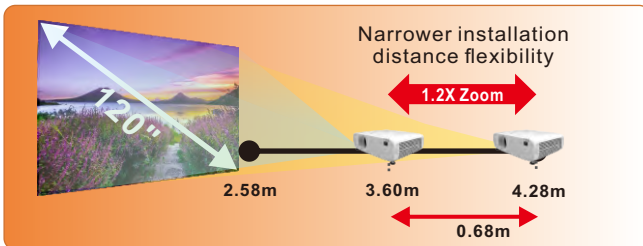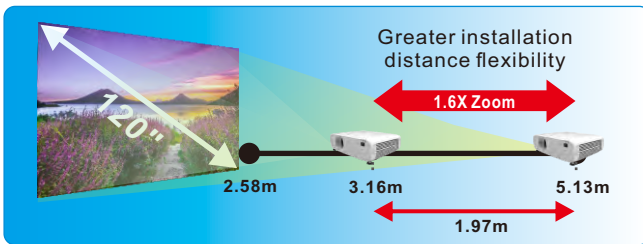* Pincushion/Barrel, 6 corner correction and Grid image tune are only for WUXGA model.

H/V Keystone

4 Corner Correction

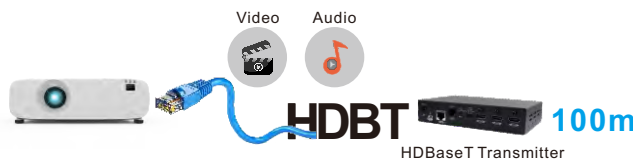Pincushion/Barrel

6 Corner Correction

Grid Image Tune

Zoom Lens

It adopts both 1.2x and 1.6x ratio zoom lens, and approximate 0%~+60% vertical lens shift(only for model AYU556), which is suitable for a variety of installation environments.

Greater installation distance flexibility
120"
1.6X Zoom
2.58m   3.16m   5.13m
1.97m

Narrower installation distance flexibility
120"
1.2X Zoom
2.58m   3.60m   4.28m
0.68m

HDBaseT Support(Optional)

In order to facilitate long-distance installation in large venues, use RJ45 network cables (Cat. 5/Cat.6) can transmit 1080p signals up to 100 meters, which is easier to reach than traditional HDMI cables.

Video   Audio

HDBT   100m
HDBaseT Transmitter

Multiple Interface

Equipped with a wide range of terminals, such as HDMI× 2, VGA, USB-A, RJ45.

VGA IN
AUDIO OUT
AUDIO OUT (L/R)
HDMI1/ HDMI2
USB-B
USB-A
VIDEO IN
AUDIO IN
VGA OUT
RS-232C
LAN